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Department of Veterans Affairs

Standard details
Architectural

Handbook H-08-4
Volume I
March 1989

Office of Facilities
Washington DC 20420

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Department of Veterans Affairs
Washington, DC 20420

H-08-4
January 15, 1989

1. **Material Transmitted.** The attached Architecture Section is reprinted in its entirety as Volume 1 of VA Handbook, H-08-4, "Standard Details."

2. **Effective Date:** This revision is effective immediately.

3. **RESCISSION:** H-08-4, volume I, dated October 3, 1986.

GERALD E. NEUMANN
Director
Office of Facilities

Distribution: RPC: 0831
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Department of Veterans Affairs
Washington, DC 20420

H-08-4
January 15, 1989

INTRODUCTION

1. VA Handbook H-08-4, "Standard Details," is a complete set of standard details drawings, Volumes I-IV, to be used for reference purposes on Veterans Administration project.

2. Standard detail drawings are furnished to DM&S field stations for their guidance in the planning and accomplishment of construction projects, minor improvements, and maintenance and repair projects. Specific instructions for field station usage will be prescribed by the Chief Medical Director.

3. All drawings are identified by a title and number; the numbers also serve as page numbers. Drawings are grouped in four sections as follows:

Architecture, Vol. I, 1-199
Site Engineering, and Landscaping Vol. II, 200-299
Mechanical Engineering, Vol. III
  Section I, Plumbing & Sanitary, 300-599
  Section II, Heating, Ventilating & Air Conditioning, 600-699
  Section III, Steam Generation and Outside Steam Distribution, 700-799
Electrical Engineering, Vol. IV, 800-899

4. Throughout the handbook there are gaps in the sequence of detail numbers. Generally these missing numbers are reserved for future revision or expansion of the series.

5. For ease of reference the index is arranged by subject in alphabetical order. As appropriate, the index will be reissued to include new and revised standard details. New and revised drawings will be issued with a transmittal sheet.

6. Field stations may request specific additional pages directly from the Chief, Administrative Services Division (082C), Office of Facilities.

GERALD E. NEUMANN, Director
Office of Facilities

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PLAN + SECTION INDICATIONS

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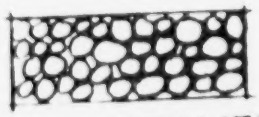
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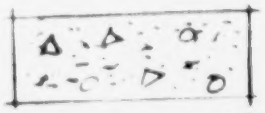
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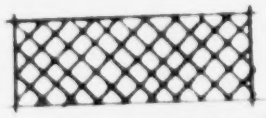
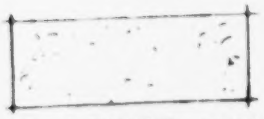
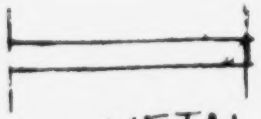

CMU

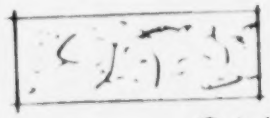
BRICK


PLASTER, SAND/GROUT

MARBLE

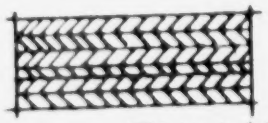
IRON/STEEL


METAL STUD


GWB

FINISHED WOOD

ROUGH WOOD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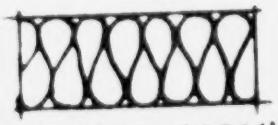
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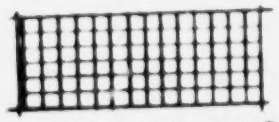
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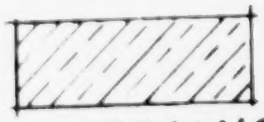
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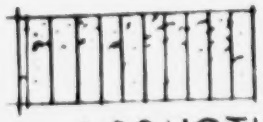
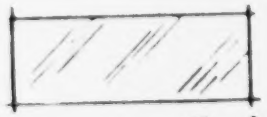

ACOUSTIC TILE

ELEVATION INDICATIONS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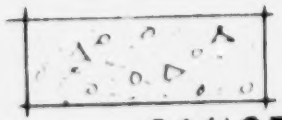
PLASTER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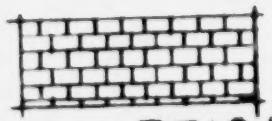
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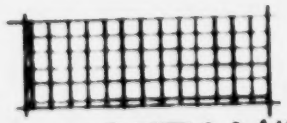
CERAMIC TILE

METAL

1

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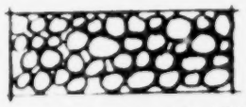
PLAN + SECTION INDICATIONS

EARTH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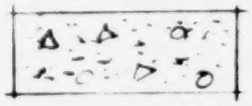
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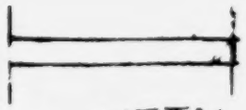
CMU

BRICK

PLASTER, SAND/GROUT

MARBLE

IRON/STEEL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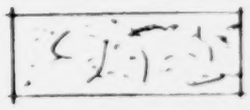
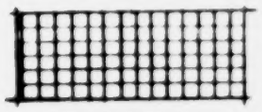

GWB

FINISHED WOOD

ROUGH WOOD

PLYWOOD

BATT INSULATION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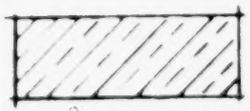
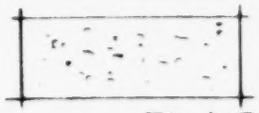

CERAMIC TILE

ACOUSTIC TILE

ELEVATION INDICATIONS

GLASS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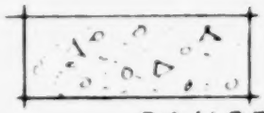
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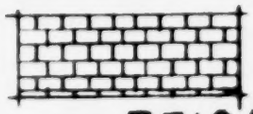
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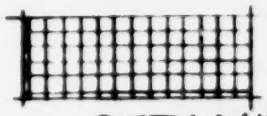
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METAL

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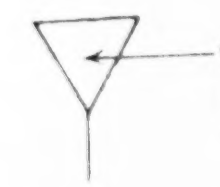
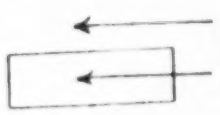
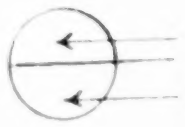


STRUCTURAL GRID
COLUMN TAG



ROOM NAME
ROOM NUMBER



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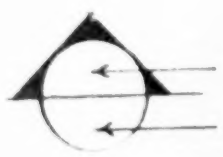

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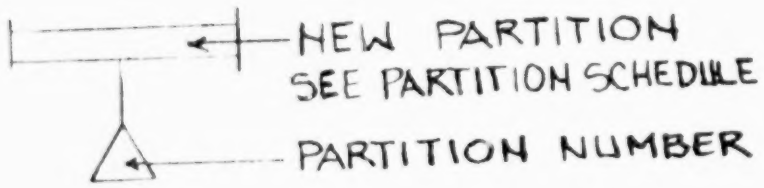
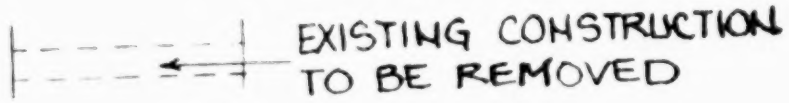
WINDOW NUMBER
SEE WINDOW SCHEDULE

LOUVER NUMBER
SEE LOUVER SCHEDULE



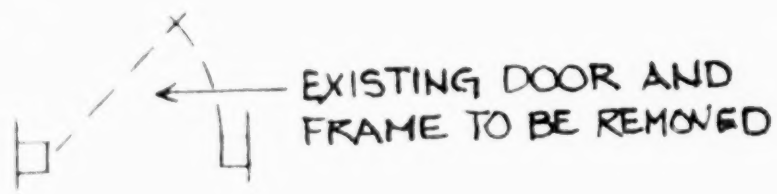
NEW PARTITION
SEE PARTITION SCHEDULE

PARTITION NUMBER



EXISTING CONSTRUCTION
TO BE REMOVED

EXISTING DOOR AND
FRAME TO REMAIN



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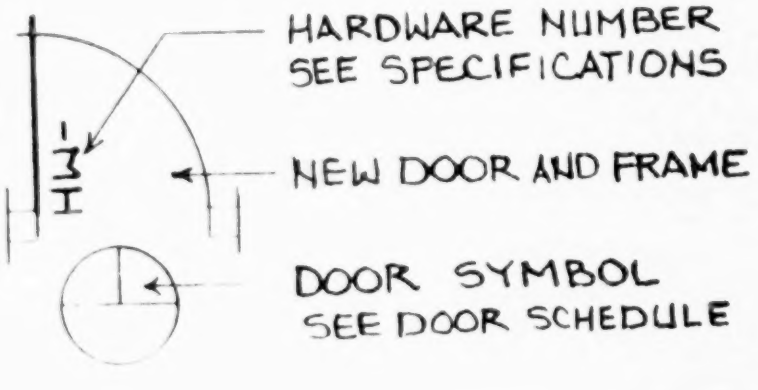


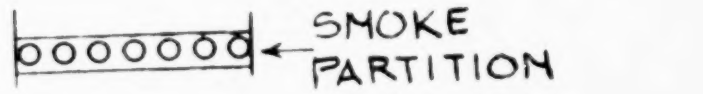
HARDWARE NUMBER
SEE SPECIFICATIONS

NEW DOOR AND FRAME

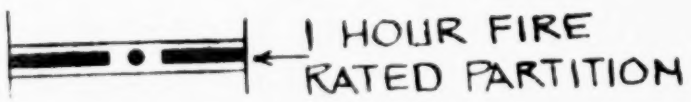
DOOR SYMBOL
SEE DOOR SCHEDULE

LEAD LINED
PARTITION

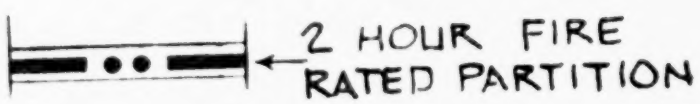
SOUND INSULATED
PARTITION



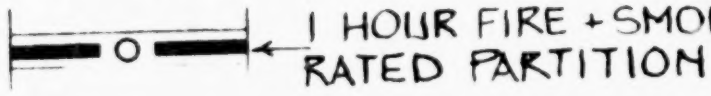
SMOKE
PARTITION



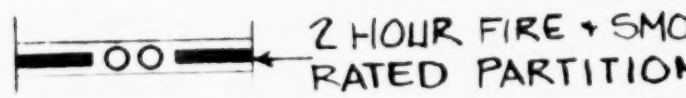
1 HOUR FIRE
RATED PARTITION



2 HOUR FIRE
RATED PARTITION



1 HOUR FIRE + SMOKE
RATED PARTITION



2 HOUR FIRE + SMOKE
RATED PARTITION

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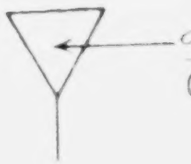
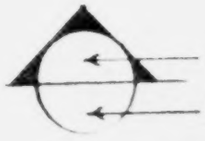


STRUCTURAL GRID
COLUMN TAG

ROOM NAME
ROOM NUMBER

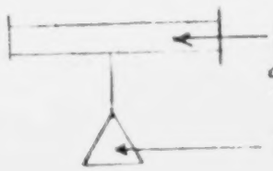
DETAIL NUMBER
DRAWING NUMBER



SECTION NUMBER
DRAWING NUMBER

WINDOW NUMBER
SEE WINDOW SCHEDULE

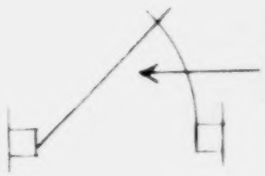
LOUVER NUMBER
SEE LOUVER SCHEDULE



NEW PARTITION
SEE PARTITION SCHEDULE

PARTITION NUMBER

EXISTING CONSTRUCTION
TO BE REMOVED



EXISTING DOOR AND
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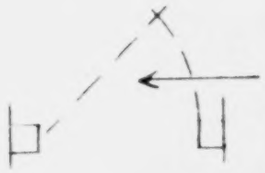

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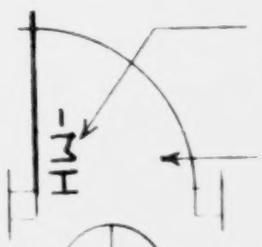
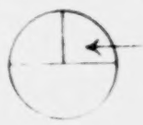


HARDWARE NUMBER
SEE SPECIFICATIONS

NEW DOOR AND FRAME



DOOR SYMBOL
SEE DOOR SCHEDULE

LEAD LINED
PARTITION

SOUND INSULATED
PARTITION

SMOKE
PARTITION

1 HOUR FIRE
RATED PARTITION

2 HOUR FIRE
RATED PARTITION

1 HOUR FIRE + SMOKE
RATED PARTITION

2 HOUR FIRE + SMOKE
RATED PARTITION

1.1

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EQUIPMENT SYMBOL
SEE EQUIPMENT SCHEDULE

—x—x— CUBICLE CURTAIN TRACK

FLUORESCENT FIXTURE

VV ITEM
V.A. SUPPLIED
V.A. INSTALLED

WALL MOUNTED
OXYGEN, AIR AND
VACUUM OUTLETS

O A V

INCANDESCENT FIXTURE

VC ITEM
VA SUPPLIED
CONTRACTOR INSTALLED

SUPPLY DIFFUSERS

CC ITEM
CONTRACTOR SUPPLIED
CONTRACTOR INSTALLED

RETURN GRILLE

FCU

FAN COIL UNIT

Veterans Administration

1.2

Title
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SYMBOLS

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Notes

ABBREVIATIONS (ARCHITECTURAL)

A.B	Anchor Bolt
A/C	Air Conditioned
A.C.U.	Air Conditioning Unit
A.D.	Access Door
Adj.	Adjustable
A.D.O	Automatic Door Operator
ALUM.	Aluminum
A.P.	Access Panel
AT	Acoustical Tile
B.BD.	Bulletin Board
B.P.R.	Bed Pan & Urinal Rack
C, CONC.	Concrete
CAB.	Cabinet
C.B.	Chalk Board
C.C.T.	Cubicle Curtain Track
C.C.U.	Coronary Care Unit
CEM.	Cement
C.F.I.	Conductive Flooring
C.I.	Cast Iron
C. G.	Corner Guard
C.J.	Control Joint
CLG.	Ceiling
CL.GL.	Clear Glass
CLO.	Closet
C.M.U.	Concrete Masonry Unit
CNL	Conductive Neoprene Latex
COL.	Column
CONT.	Continuous
CONST.	Construction
CP.	Carpet
C.S.	Cup Sink
C.T.	Ceramic Tile
C.T.P.	Ceramic Tile Panel
CTR.	Counter
C.V.H.	Conductive Vinyl Homogenous (Sheet Type)
D.F.	Drinking Fountain
DIA.	Diameter
DIAG.	Diagonal
D.L.	Dental Laboratory
Dim.	Dimension
DISP.	Dispenser
D.S.	Downspout
D.S.B.	Double Strength "B" Quality Glass
D.W.	Dumbwaiter
DWGS.	Drawings
E.E.G.	Electro Encephalographic
ELEC.	Electrical
ELEV, EL.	Elevation
ELEV.	Elevator
E.J.	Expansion Joint
E.K.G.	Electro Cardiograph
E.N.T.	Ear, Nose & Throat
E.P.	Electric Panel
EPY.	Epoxy Coating
EQUIP.	Equipment
(E), EX., EXIST.	Existing
EXT.	Exterior
E.W.C.	Electric Water Cooler
EXP.	Exposed, Expansion
F.A.C.	Fire Apparatus Closet
F.A.I.	Fresh Air Intake
F.C.U.	Fan Coil Unit
F.D.	Floor Drain
F.H.R.	Fire Hose Rack
F.I.	Film Illuminator
FIN.	Finish
FL	Floor
F.P.	Fire Partition
F.S.	Full Size
FTG.	Footing
GA.	Gauge
G.B.	Grab Bar
GL.	Glass
GR.	Grade
G W	Gypsum Wall Board
GYP.	Gypsum
H.A.C.	Housekeeping Aides Closet
HTG.	Heating
H.M.	Hollow Metal
H.P.	High Point
HW.	Hardware
H.B.	Hose Bibb.
I.C.U.	Intensive Care Unit
I.D.	Inside Diameter
INSUL.	Insulation
INT.	Interior
I.P.S.	Inside Pipe Size
I.V.	Intra-Venous
JT.	Joint
KIT.	Kitchen
K.P.	Kick Plate
L, LAV.	Lavatory
L.C.	Laundry Chute
LKR.	Locker
L.L.D.	Lead Lined Door
L.P.	Low Point
L.P.D.	Light Proof Door
L.P.S.	Light Proof Shade
M	Modular Laboratory Equipment (Interchangeable)
MAX.	Maximum
M.C.O.	Metal Cased Opening
M.D.S	Metal Divider Strip
MECH.	Mechanical
MED.CAB.	Medical Cabinet
M.E.S.	Metal Edge Strip
MET.	Metal
MIN.	Minimum
MISC.	Miscellaneous
MLDG.	Moulding
M.N.I.C	Material Not in Contract (Installation By Contractor)
M.O.	Masonry Opening
MOD.	Modified
M.P.	Movable Partition
M.T.	Metal Threshold
MTD.	Mounted
(N)	New
N.I.C.	Not In Contract
N.L.	Neoprene Latex
NOM.	Nominal
N.P.	Neuropsychiatri
OBS	Obscure
O.C.	On Center
O.D.	Outside Diameter
OPNG	Opening
OPP.	Opposite
O.T.	Occupational Therapy
O.W.	Observation Window
P	Paint
PART'N(S)	Partition(s)
P.B.P.U.	Patients Bedside Power Unit
P.I.P.U.	Prefab. Isolation Power Unit
PL	Plate
PLAS., PL.	Plaster
PLWD	Plywood
PORT.	Portable
P.P.G.	Polished Plate Glass
P.R.V.	Power Roof Ventilator
P.S.	Pipe Space
P.T.	Pneumatic Tube
P.W.	Pass Window
Q.T.	Quarry Tile
(R)	Relocated Item
R	Riser
R.D.	Roof Drain
RECEP.	Receptacle
REF.	Refrigerator
REG.	Reglet
REINF.	Reinforcing, Reinforced
REQ'D.	Required
RM.	Room
R.O.	Rough Opening
R.P.	Retractable Partition
S.C.	Special Coating
SCHD.	Schedule
S.C.I.	Spinal Cord Injury
SEC.	Section
S.F.T.U	Structural Facing Tile Unit
SH.	Shelving, Shelf
SIM.	Similar
S.P.D.	Sound Proof Door
SPEC.(S)	Specification(s)
S & R	Shelf & Rod
STRUCT.	Structural
S/S, S.S	Stainless Steel
TEL.	Telephone
TERR.	Terrazzo
T.T.	Terrazzo Tile Resinous Matrix
TOIL, T.	Toilet
V	Vinyl
V.A.	Vinyl Asbestos
VEST.	Vestibule
V.H.	Vinyl Homogenous
W.	Wall Fabric
W.C.	Water Closet
W/C	Wheel Chair
WD.	Wood
W.C.O.	Wood Cased Opening
W.D.	Window Dimension
W.I	Wrought Iron
W.P.	Waterproof(ing)
W.R.	Waste Receptacle

ABBREVIATIATIONS FOR DETAILS OF WOOD AND METAL WORK

E.B.	Expansion Bolts	O.H.	Oval Head
M.B.	Machine Bolts	P.H.	Pan Head
M.S.	Machine Screws	R.H.	Round Head
S.M.S.	Sheet Metal Screws	SQ.HD.	Square Head
W.S.	Wood Screws	T.H.	Truss Head
CSK.	Countersunk	PL.	Plate
F.H.	Flat Head or Flush Head	S.M.	Sheet Metal
		GA.	Gauge

ABBREVIATIONS FOR MISCELLANEOUS CASE-WORK, SHELVING, EQUIPMENT, ETC. IDENTIFIED BY TYPE NUMBER AND/OR LETTER ON ARCHITECTURAL PLANS

EXAMPLE

C-8	Cabinet Type 8
B	Bins
B.C.	Bookcase
BE.	Bench
C	Cabinet
CTR.	Counter
K	Kitchen Equipment
P	Plumbing Fixture
RK.	Rack
R&S	Casework in Clergy Room & Sacristy, Chaplain Service
TA	Table
V L	Clinical Laboratory Equipment
V. R.	Radio Isotope Lab. Equipment
V. S.	Sterilizer
D. C.	Dental Casework
M	Laboratory Equipment Modular Interchangeable
S	Casework in Patients Bedroom And Service Alcove
X	X-Ray Equipment Radiology
MOD.	Modified

NOTE: THIS SCHEDULE SHALL BE UTILIZED BUT EDITED AND ADDED TO AS NECESSARY FOR EACH SPECIFIC PROJECT.

IA

NOTE:
See Sheet No. 7 For Abbreviations Used With Door Symbols.

AREA OR ROOM:	SLAB DEPRESSION
CERAMIC TILE FLOOR WITHOUT DRAIN	0"
CERAMIC TILE FLOOR WITH SLOPE TO DRAIN	4"
QUARRY TILE FLOOR WITHOUT DRAIN	2"
QUARRY TILE FLOOR WITH SLOPE TO DRAIN	4"
TERRAZZO FLOOR	2"
COLD ROOM, RESEARCH	0" (SEE NOTE No. 3)
CONSTANT TEMPERATURE ROOMS	0" (RAISED FLOOR)
ALL FREEZERS AND REFRIGERATORS	4" PLUS FINISH (SEE NOTE No. 5)
R.F.I. SHIELDED ROOM	1 1/2"
LEAD SHIELDED ROOMS	5"
ANIMAL CAGE WASHER	12 1/2" TO 13 1/2" (SEE NOTE No. 4)
CART WASHER WITH TRANSPORT SYSTEM	12" TO 16" (SEE NOTE No. 4)
CART WASHER WITHOUT TRANSPORT SYSTEM	12" TO 18" (SEE NOTE No. 4)
AUDIO TESTING & CONTROL (PREFABRICATED UNITS)	
SINGLE FLOOR UNIT	7"± (SEE NOTE No. 6)

NOTE: R.F.I. = RADIO FREQUENCY INTERFERENCE

NOTES TO ARCHITECT:

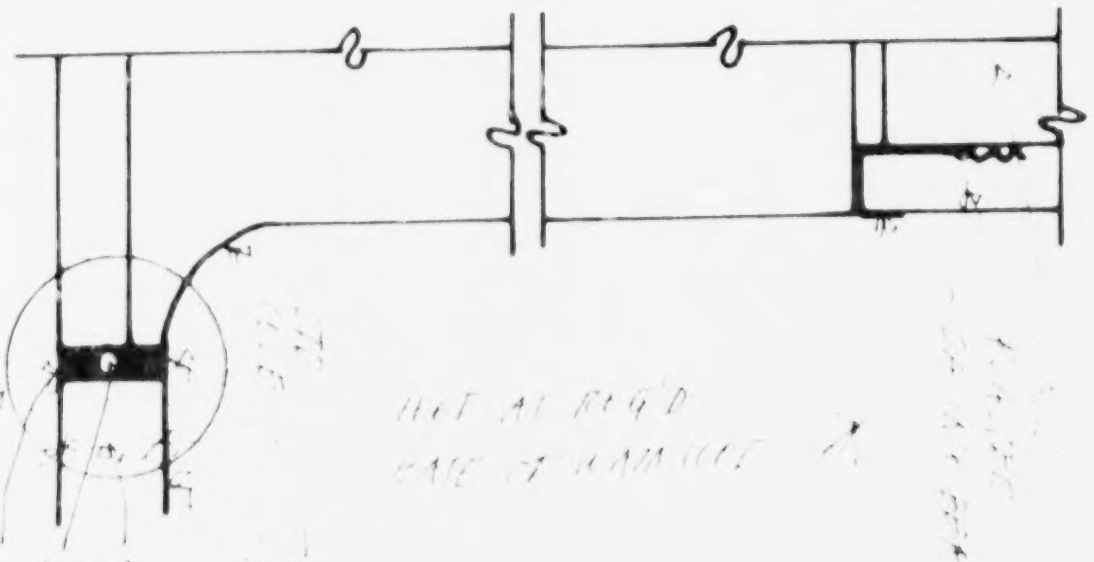
1. DEPRESSIONS SHOWN ABOVE ARE TO BE BELOW TOP OF NORMAL FINISHED FLOOR.
2. OMIT DEPRESSIONS WHERE THICKNESS OF TOPPING OR FILL IS AS MUCH AS OR GREATER THAN DEPRESSION SHOWN ABOVE.
3. RESEARCH COLD ROOMS MAY HAVE DEPRESSION AS REQUIRED TO ACCOMMODATE THE EQUIPMENT AND FINISH SPECIFIED 4". IF NO DEPRESSION IS PROVIDED, THE ROOM WILL HAVE A RAISED FLOOR.
4. DEPRESSIONS FOR ANIMAL CAGE WASHERS AND CART WASHERS SHALL BE DESIGNED TO ACCOMMODATE THE EQUIPMENT SPECIFIED.
5. DEPRESSIONS FOR FREEZERS AND REFRIGERATORS SHALL BE DESIGNED TO ACCOMMODATE THE EQUIPMENT SPECIFIED PLUS THE ADDITIONAL DEPTH NECESSARY FOR THE REQUIRED FLOOR FINISH.
6. DEPRESSIONS FOR PREFAB AUDIO TESTING AND CONTROL ROOM UNITS SHALL BE AS REQUIRED FOR THE EQUIPMENT AND FLOOR FINISH SPECIFIED.
7. THE ABOVE FLOOR SLAB DEPRESSIONS DO NOT NECESSARILY CONSTITUTE ALL THE SLAB DEPRESSIONS THAT MAY BE REQUIRED FOR A PARTICULAR PROJECT, NOR SHALL THEY BE EXACTLY MAINTAINED IF THE EQUIPMENT TO BE USED, OR ANY OTHER CONDITIONS INDICATE THAT THEY SHOULD BE MODIFIED.

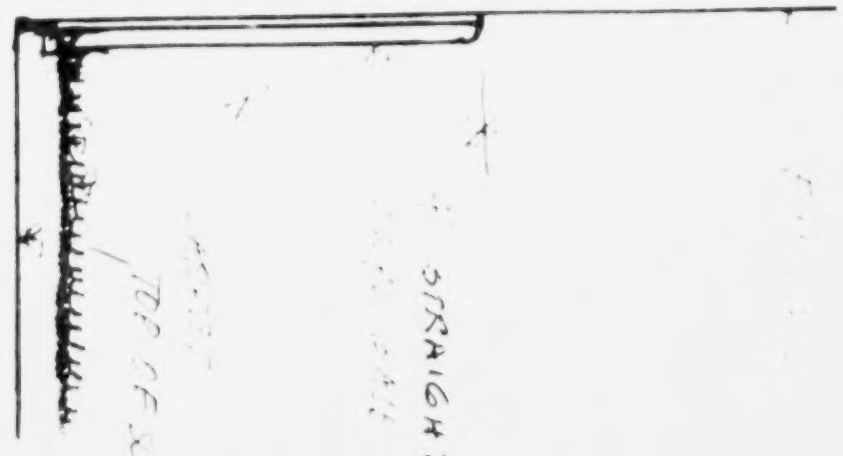
Jan. '81

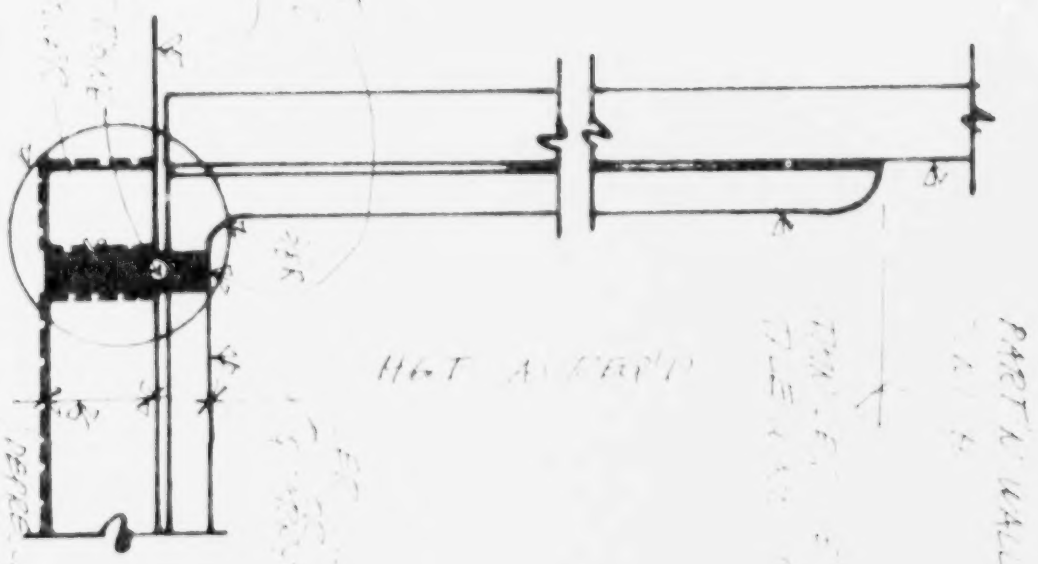
IB

FLOOR SLAB DEPRESSIONS

DEC. '78

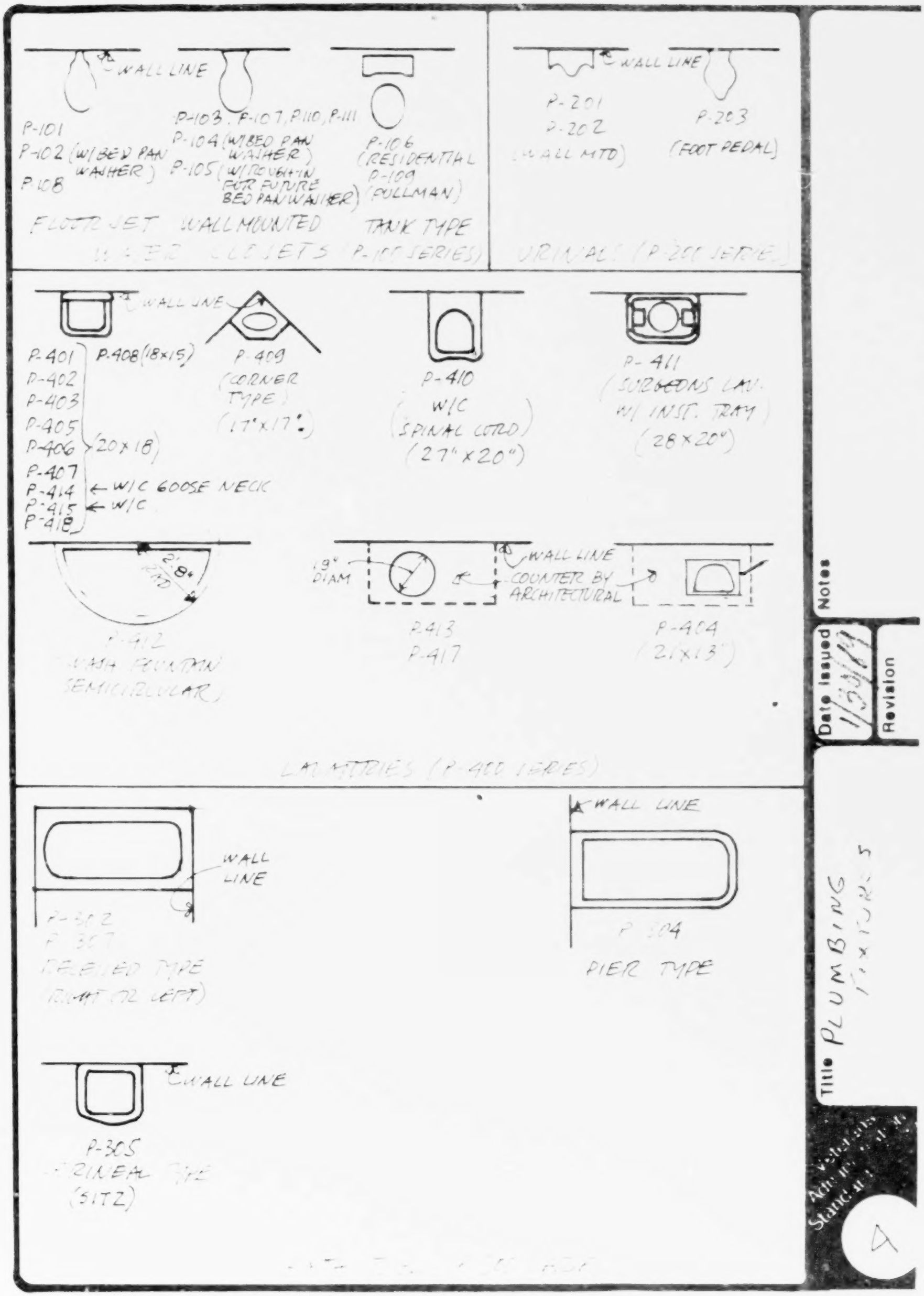






4	Title BASE, WAINSCOT & WALL FINISH DETAILS	Date Issued 1/30/89 Revision

Notes



Notes

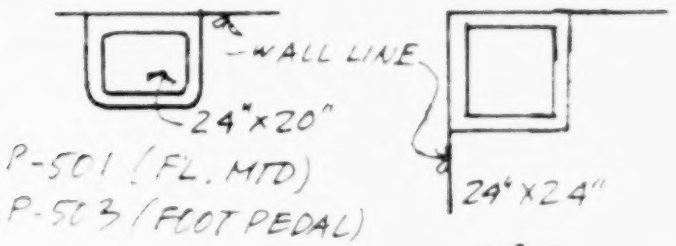
Date Issued 1/30/79

Revision

Title PLUMBING FIXTURES

Veterans Administration Standard

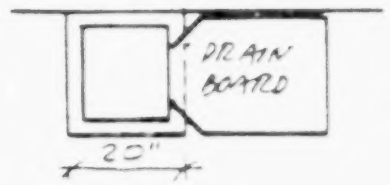
4



P-501 (FL. MTD)
P-503 (FOOT PEDAL)

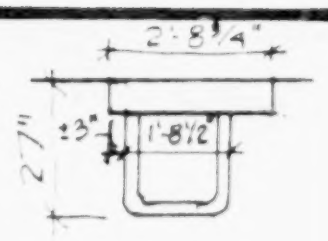
P-502
(FL. SET)

SERVICE SINK



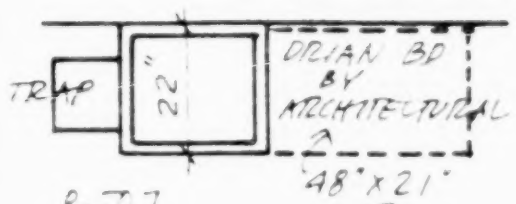
P-505
(WALL MTD W/ TWO FOOT PEDALS)
FLUSHING RIM

SERVICE SINK



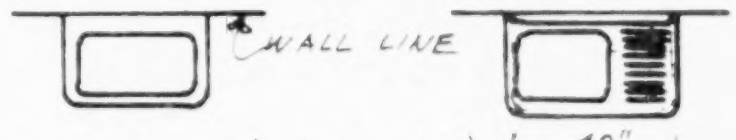
P-506
(WALL MTD)

ENEMA SINK (MOP TYPE)



P-507
(WALL MTD W/ PLASTER TRAP ON FLOOR)

PLASTER SINK

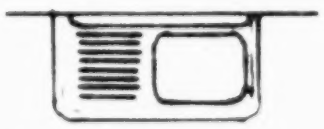


30 x 20 P-508 (WALL MTD)
29 x 20 P-511 (WALL MTD & FOOT PEDAL)
30 x 18 P-515
30 x 20 P-516
20 x 14 P-517
(WALL MTD)

S/S SINK

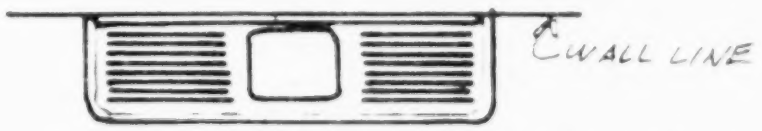
P-509
WALL MTD W/ FOOT CONTROL & DRAIN BD

ALL PURPOSE SINK



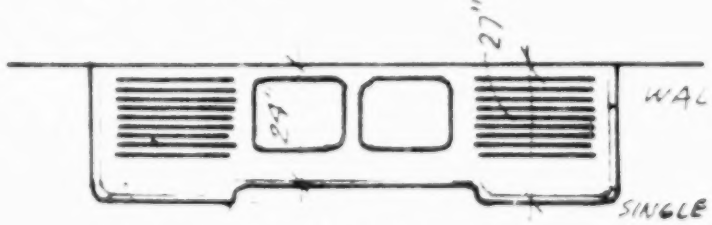
42x20 P-510
54-20 P-512
48-24 P-514
(WALL MTD W/ FOOT PEDAL & DRAIN BD EITHER SIDE)

S/S SINK

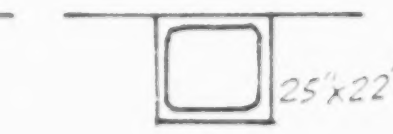


84"x24" P-513 (DOUBLE DRAIN BD W/ FOOT PEDAL)

S/S SINK



P-518 FLOOR MTD
9'-0" x 2'-3"



P-521
P-527 W/LEGS & PLASTER TRAP

LAV. TUB (PLASTIC)

P-525 WALL-HUNG FPC

SURGEON SCRUB-UP SINK

DOUBLE COMP. S/S SINK

P-522 50x22
P-524 33x22
DOUBLE COMPARTMENT

Notes

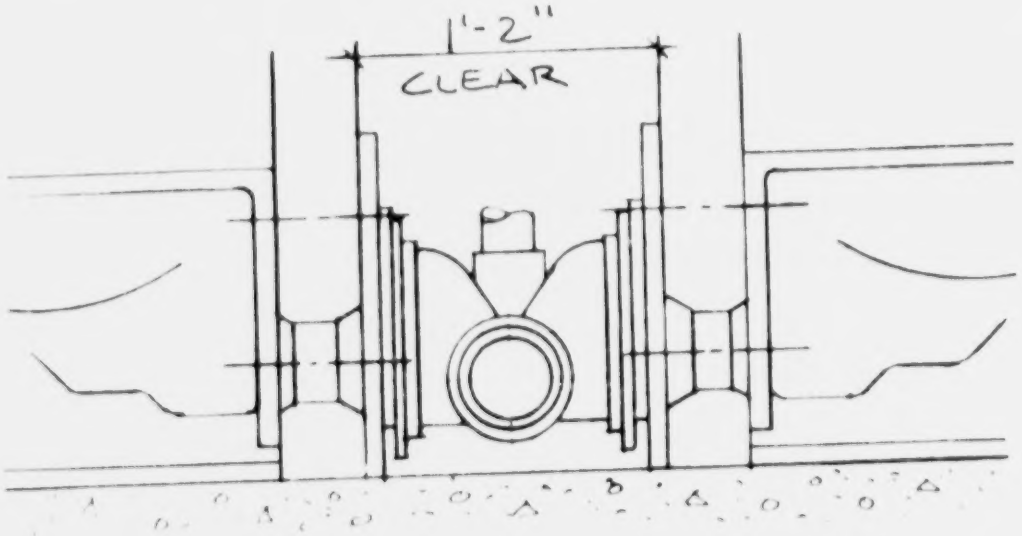
Date Issued 1/30/19

Revision

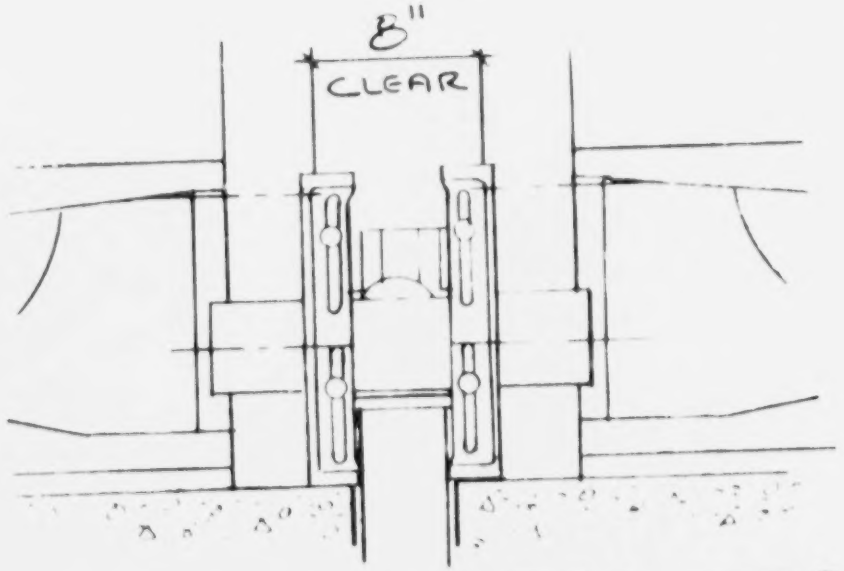
Title PLUMBING FIXTURES

Veterans Administration Standard Detail

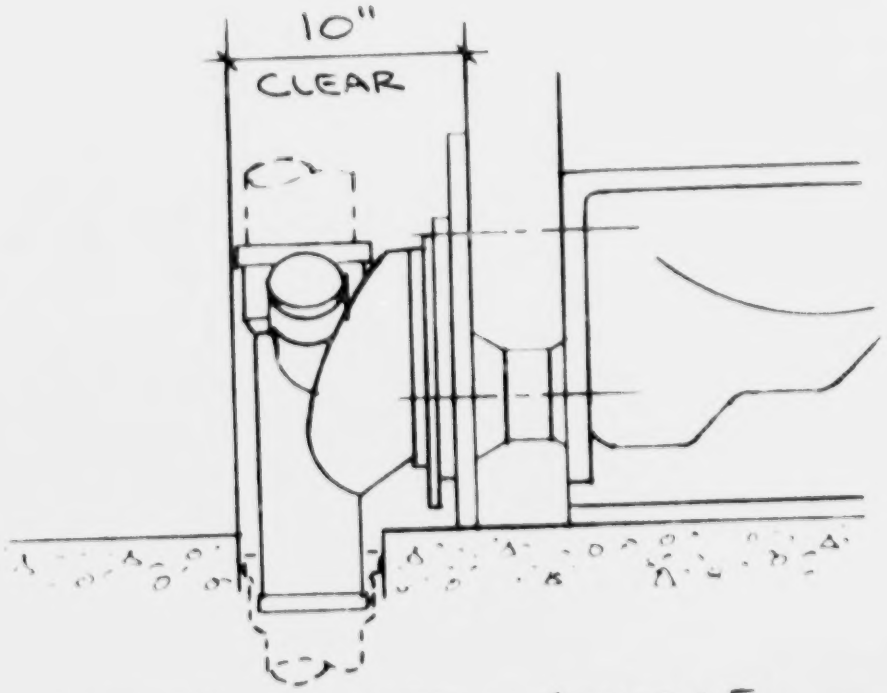
A1



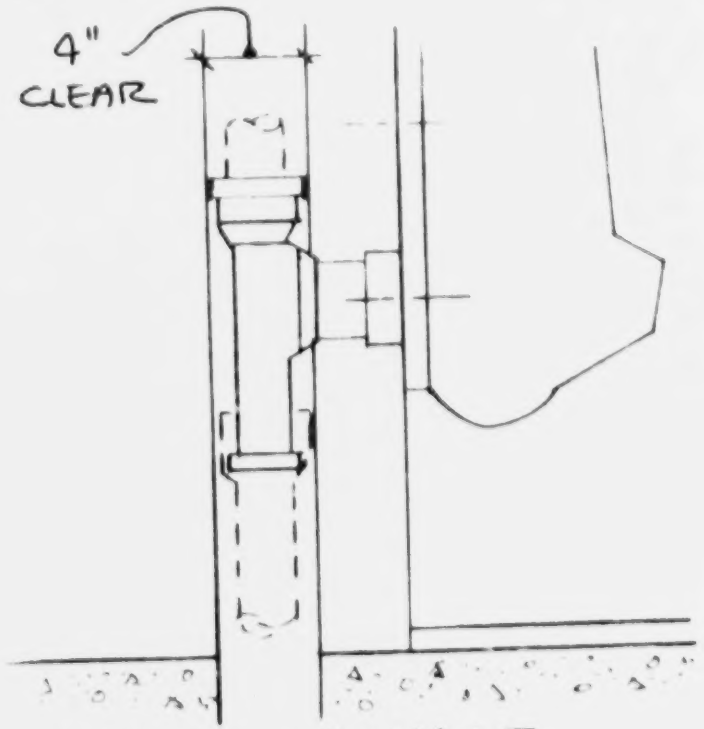
WATER CLOSETS IN BATTERY



WATER CLOSETS BACK TO BACK



WATER CLOSET - SINGLE



URINAL - SINGLE

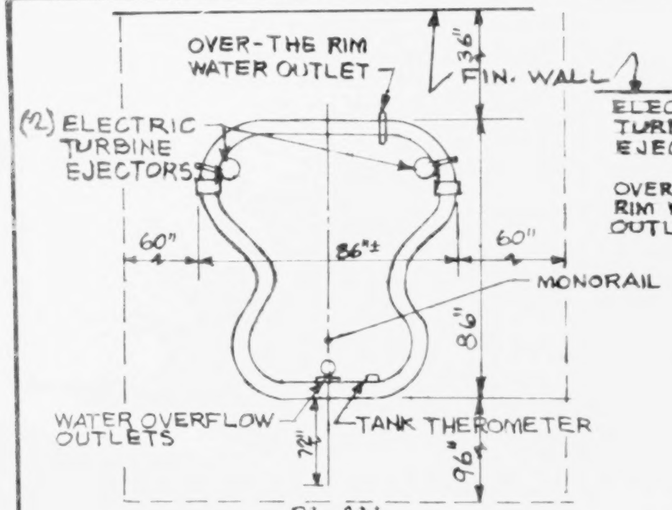
A4

Title
PLUMBING FIXTURES
FURRING REQUIREMENTS

Date Issued
1/31/11

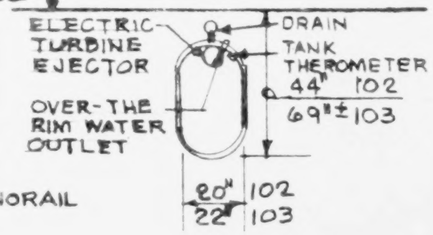
Revision

Notes
SCALE 1"-1'-0"



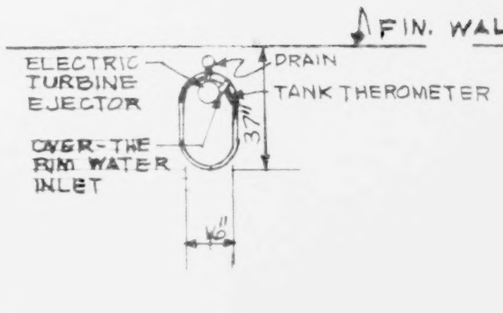
PLAN

HT101



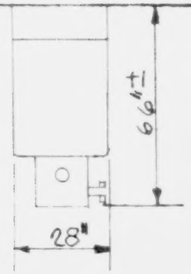
PLAN

HT102
HT103



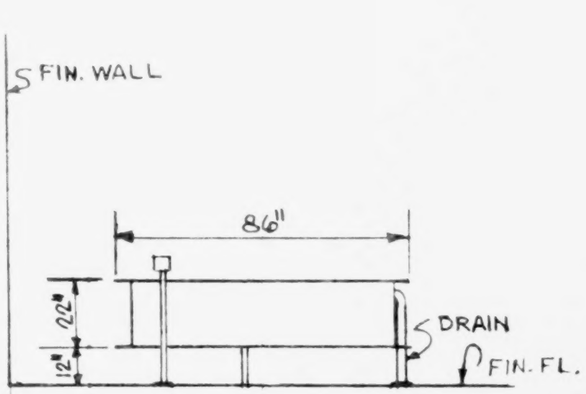
PLAN

HT104



PLAN

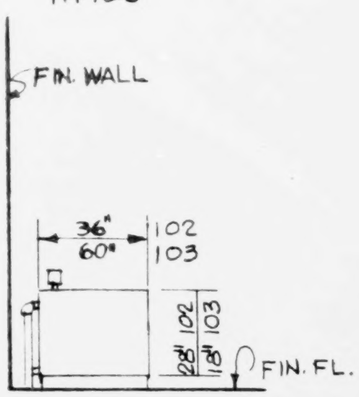
HT113



ELEVATION

FULL BODY

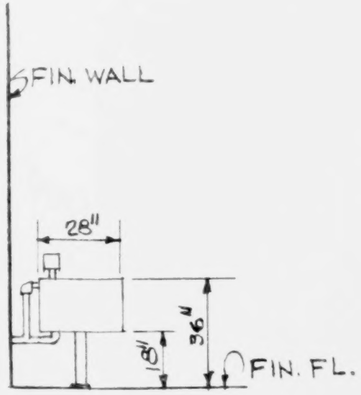
HT101



ELEVATION

LEG

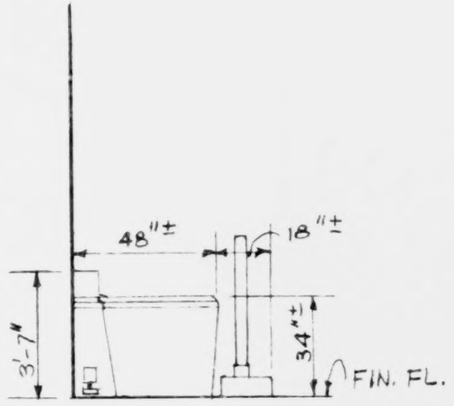
HT102
HT103



ELEVATION

ARM

HT104



ELEVATION

BATH

HT113

NOTES

1. CLEARANCE AROUND SIDE AND FRONT OF EACH UNIT, SHOULD HAVE A MINIMUM OF 3'-0" FROM ANY OBSTRUCTION, SUCH AS-CURTAINS, WALLS & 6'-0" TO ANOTHER UNIT, WITH THE EXCEPTION OF ITEM HT101.
2. THE UNITS SHALL NOT BE PLACED CLOSER THAN 9" MINIMUM FROM THE WALL
3. UNIT, HT101 TO HAVE A OVER-HEAD MONO-RAIL WITH AN ELECTRIC HOIST.

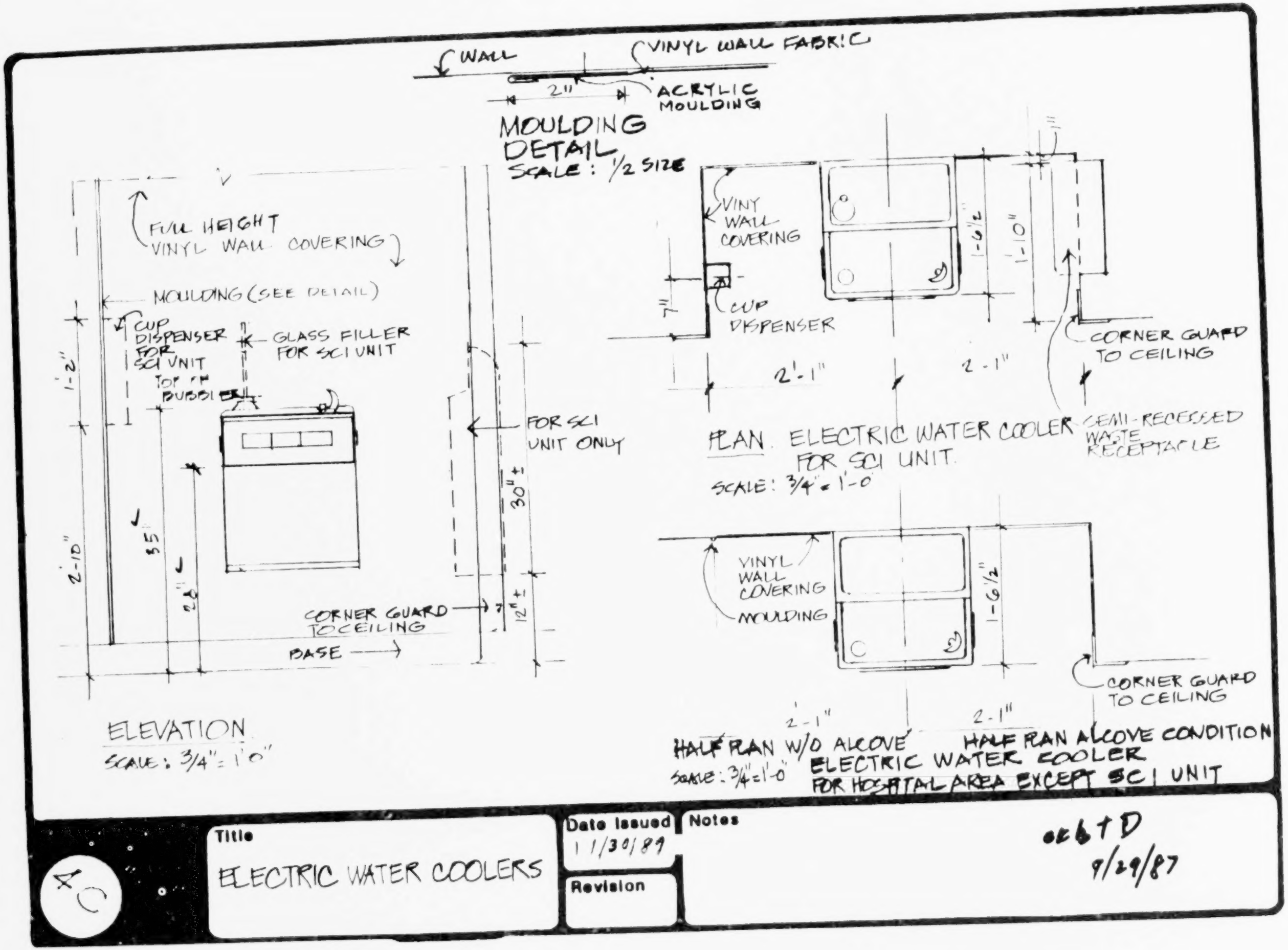
DETAILS FOR TUB, HYDROTHERAPY, WHIRLPOOL; SPACE REQUIREMENTS

TITLE

DATE ISSUED Sept. '79 | REVISION

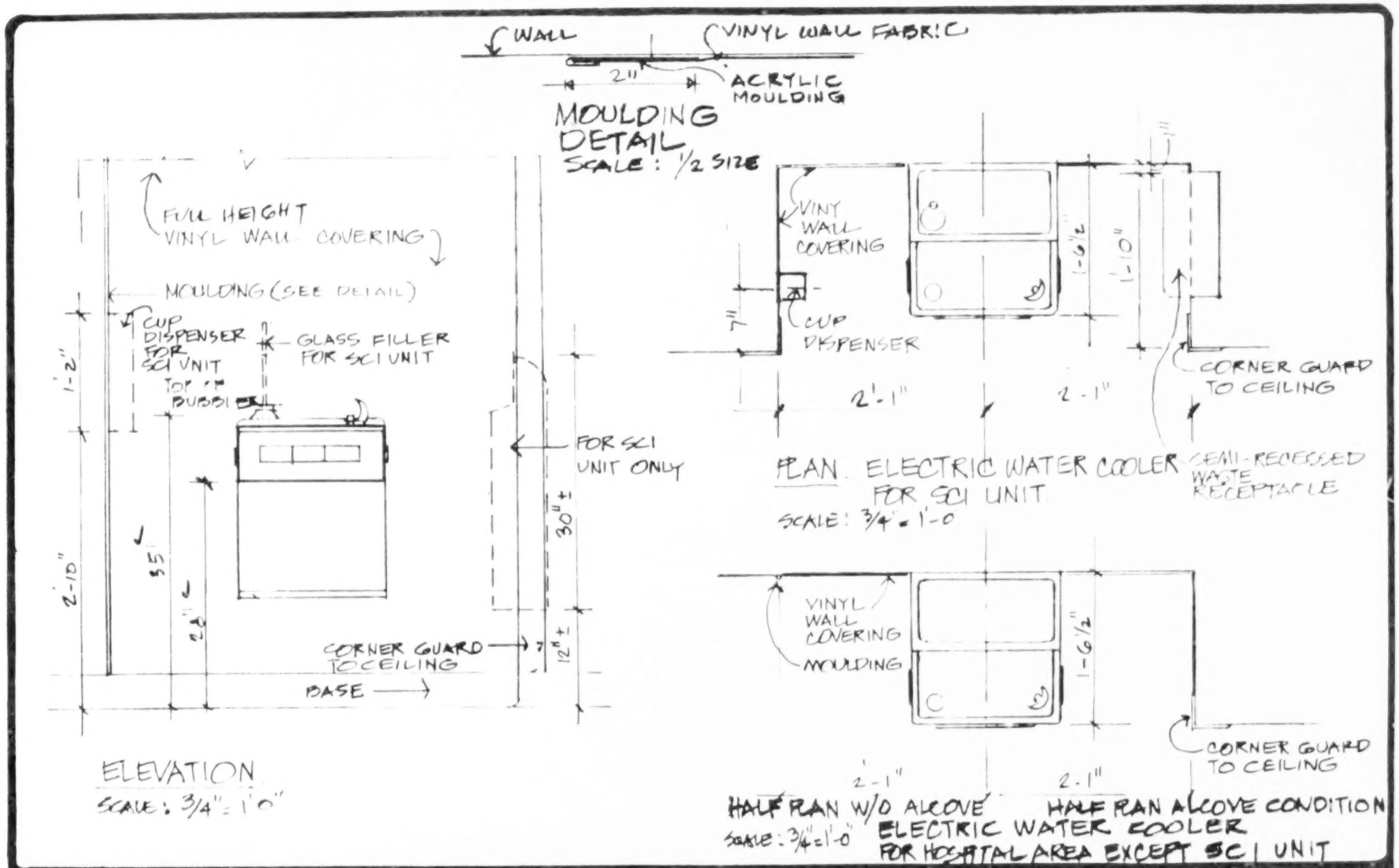
4B

Veterans Administration STANDARD DETAIL



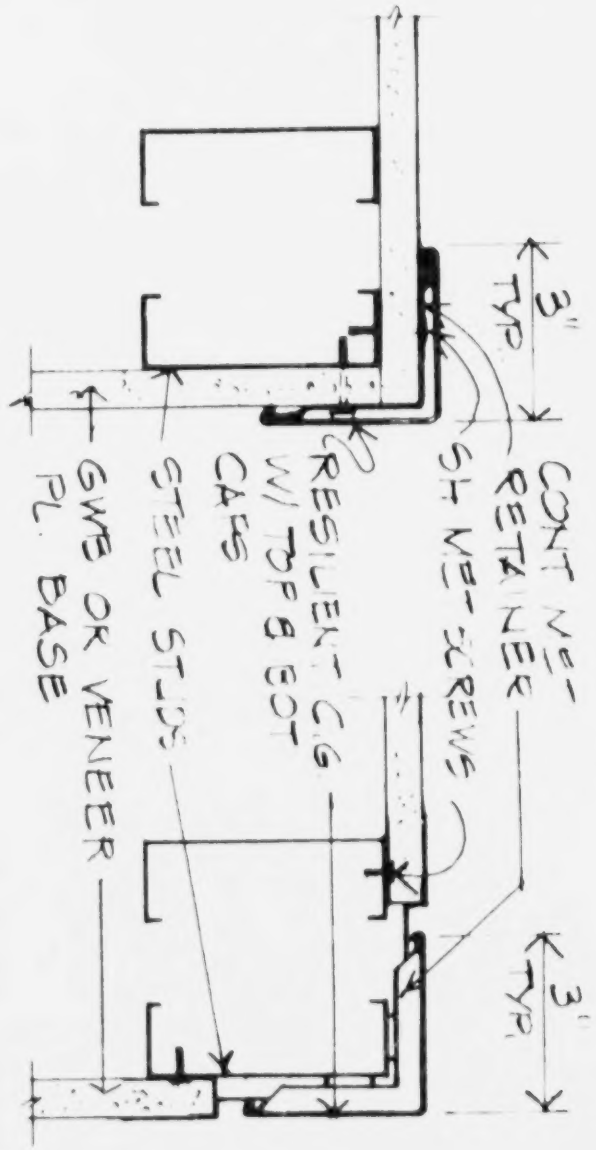
Title	Date Issued	Notes
ELECTRIC WATER COOLERS	11/30/89	ok b+D 9/29/87
	Revision	

4C



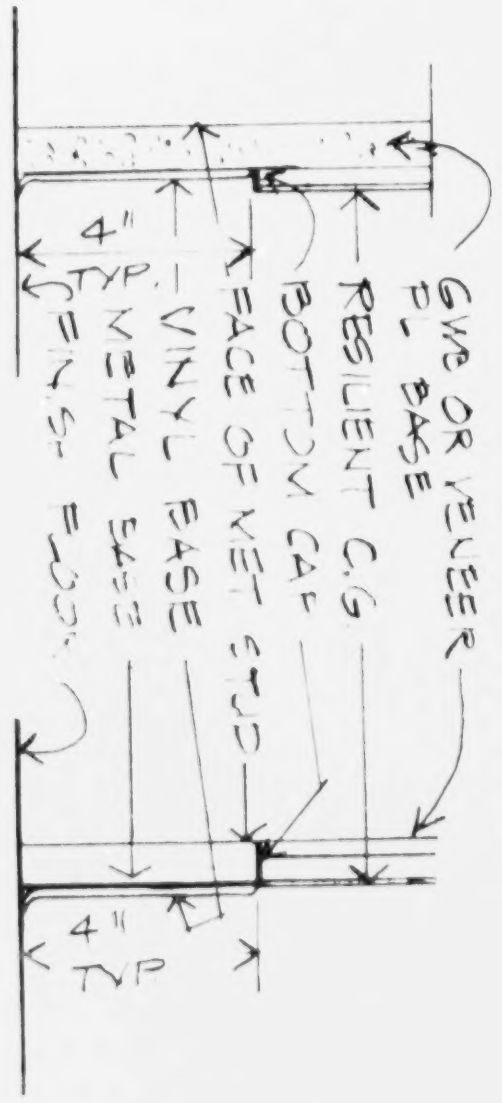
Title	Date Issued	Notes
ELECTRIC WATER COOLERS	11/30/89	ok b T D 9/29/87
	Revision	

4C



PLAN

PLAN



SECTION AT BASE

SURFACE MOUNTED RESILIENT CORNER GUARDS

SECTION AT BASE

RECESSED RESILIENT CORNER GUARDS

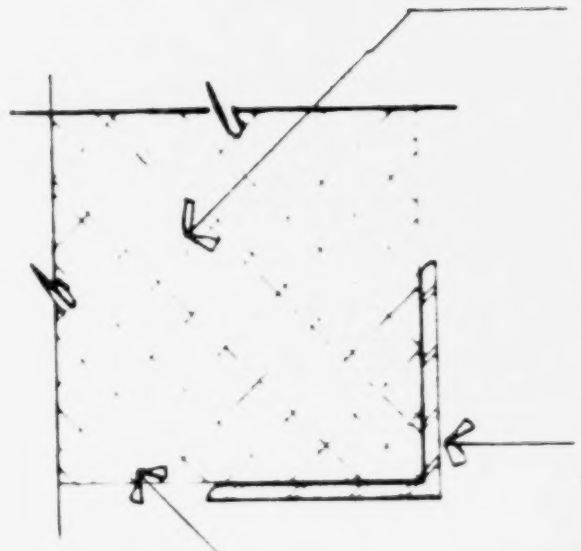
5

Title
INTERIOR RESILIENT CORNER GUARDS

Date Issued
1/30/87

Revision

Notes 1. CG'S SHALL TERMINATE AT TOP OF WAINSCOTE OR 4" ABOVE FL WHERE THERE IS NO WAINSCOTE.

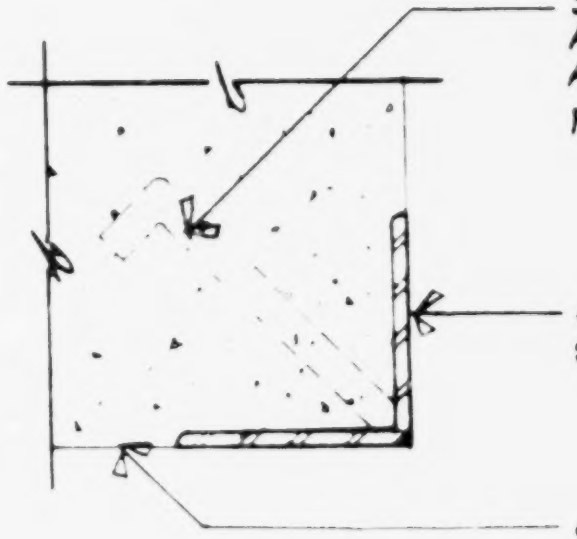


3-1¼" x 3/16" STRAP ANCHORS 9" LONG @ 16" O.C. FIRST ANCHOR @ 8" A.F.F. WHERE BRICK FACING OCCURS AT CONC. COLUMN, BEND STRAP ANCHORS & SECURE TO COLUMN WITH EXP. BOLT.

4"x4"x¼"x4'-0" HIGH STEEL ANGLE (CAULK TOP & ALL EDGES)

BRICK OR C.M.U. (FILL NEAREST C.M.U. CELL SOLID WITH CONC. OR USE SOLID C.M.U.)

EXPOSED BRICK OR C.M.U.



3 - 5/8" ϕ x 6" LONG CONC. ANCHORS WELDED TO ANGLE @ 16" O.C. FIRST ANCHOR @ 8" A.F.F.

4"x4"x¼"x4'-0" HIGH STEEL ANGLE

CONC. WALL OR COLUMN.

EXPOSED CONC. WALL OR COLUMN.

TYPICAL CORNER GUARDS (HEAVY DUTY)

SCALE: 3" = 1'-0"

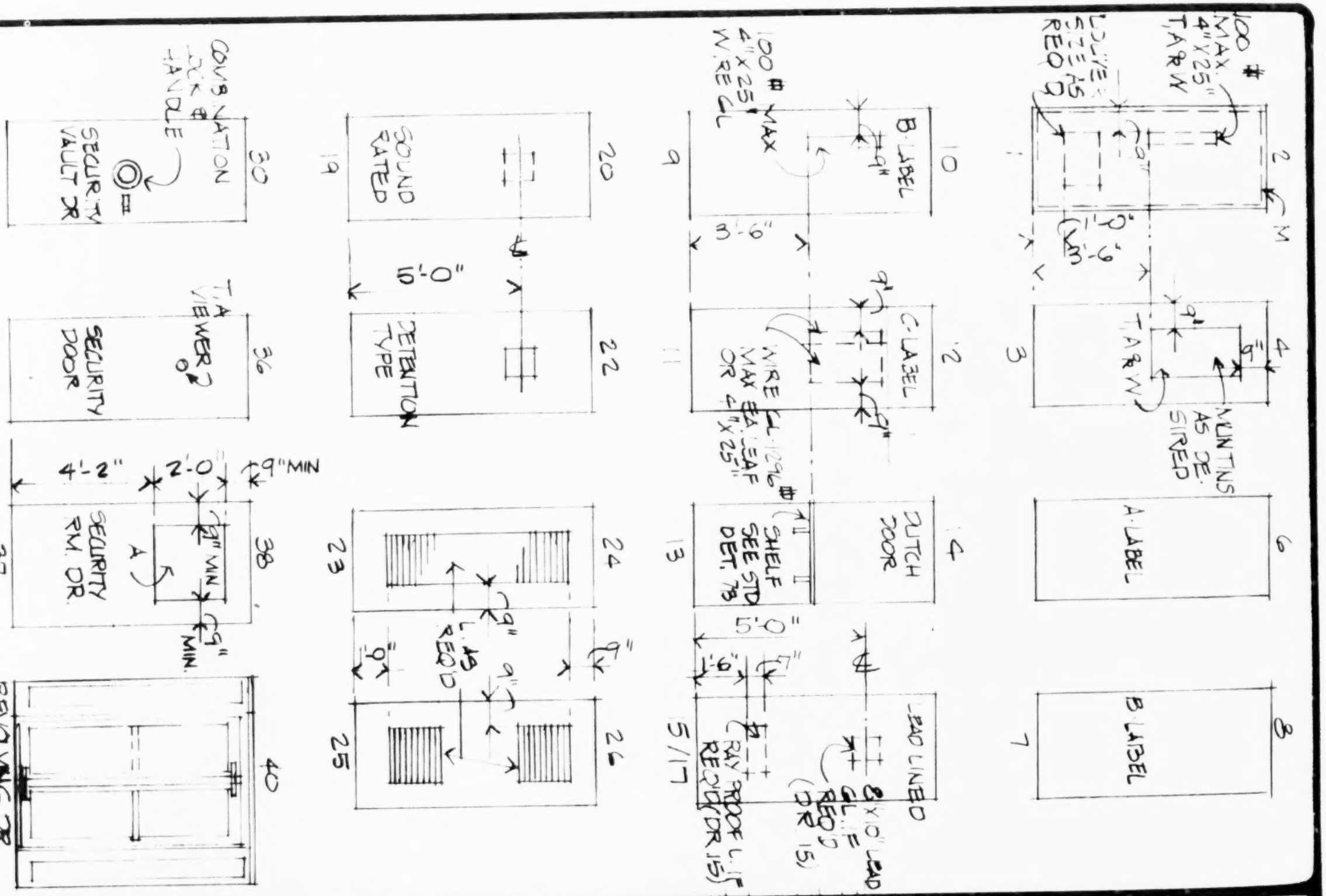
Notes: 1. WHERE ANGLE GUARD (4"x4"x¼") IS INSTALLED ON EXISTING MASONARY, USE EXP. BOLTS IN LIEU OF STRAP ANCHORS.
2. EXPOSED TOP EDGES OF ANGLES SHALL BE GROUND SMOOTH & SLIGHTLY ROUNDED & CAULKED.

Date Issued	Revision
1/30/79	

Title: CORNER GUARDS - HEAVY DUTY.

Veterans Administration Standard Detail

6.



Title
DOOR SCHEDULE

Date Issued
1/31/19

Revision

Notes

7

DOOR SIZES

MARK	WIDTH	HEIGHT	MARK	WIDTH	HEIGHT
A	1'-6"	6'-8"	N	2'-0"	7'-0"
B	2'-0"	6'-8"	O	2'-2"	7'-0"
C	2'-2"	6'-8"	P	2'-4"	7'-0"
D	2'-4"	6'-8"	Q	2'-6"	7'-0"
E	2'-6"	6'-8"	R	2'-8"	7'-0"
F	2'-8"	6'-8"	S	3'-0"	7'-0"
G	2'-10"	6'-8"	T	3'-4"	7'-0"
H	3'-0"	6'-8"	U	3'-6"	7'-0"
I	3'-2"	6'-8"	V	3'-8"	7'-0"
J	3'-4"	6'-8"	W	3'-10"	7'-0"
K	3'-8"	6'-8"	X	4'-0"	7'-0"
L	3'-10"	6'-8"	Y	3'-0"	8'-0"
M	1'-6"	7'-0"	Z	UNASSIGNED	

DOOR MODIFICATIONS

A LAMINATED GL.

D DOUBLE GLAZED TEMPERED GL.

H ELECTRIC HOLD

L LOUVER

LP LIGHT PROOF LOUVER

M MECH. SEAL FOR LIGHT PROOF & SOUND RETARDING DR

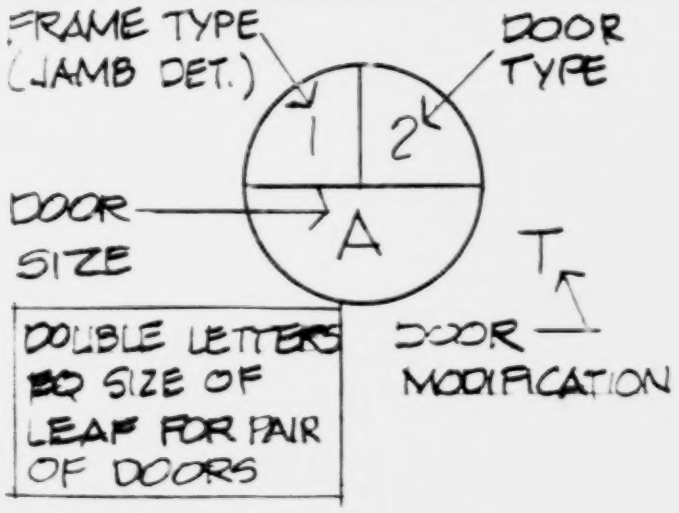
T TEMPERED GL

U UNDERCUT 1"

X LEAD GL

W WIRE GL

DOOR SYMBOL



LEGEND (SEE DR. ELEVATIONS)

GL. OR L. REQUIRED BY MODIFICATION

GL. OR. L REQUIRED BY ELEVATION TYPE

NOTES:

1 ALL DOORS SHALL BE FLUSH & 1¾" THICK UNLESS NOTED OTHERWISE

2 TOP & SIDE RAILS SHALL BE 9" MIN., BOTTOM RAILS 12" MIN.

3. DOOR TYPES 7, 8 & 9 SHALL NOT BE USED FOR OPPOSING DOORS

4 FOR SCHEDULING DOOR TYPES SEE H-08-14

5 ON THE DR TYPE SCHEDULE EVEN DR. NOS ARE FOR MET. DRS, ODD NO.S ARE FOR WOOD DRS.

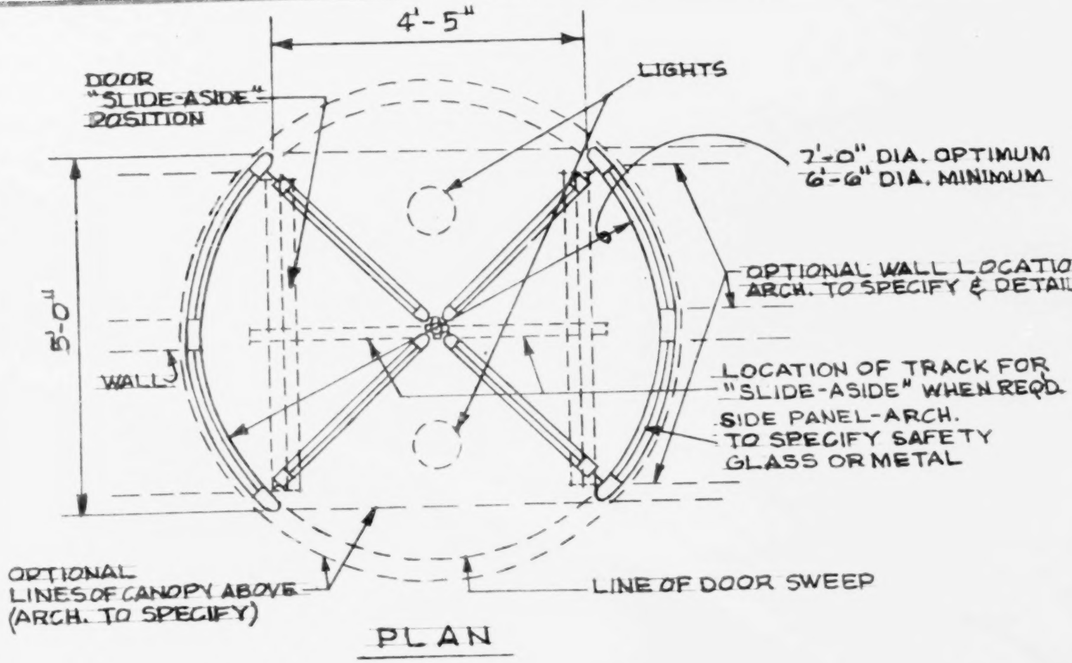
Notes

Date Issued 1/30/89

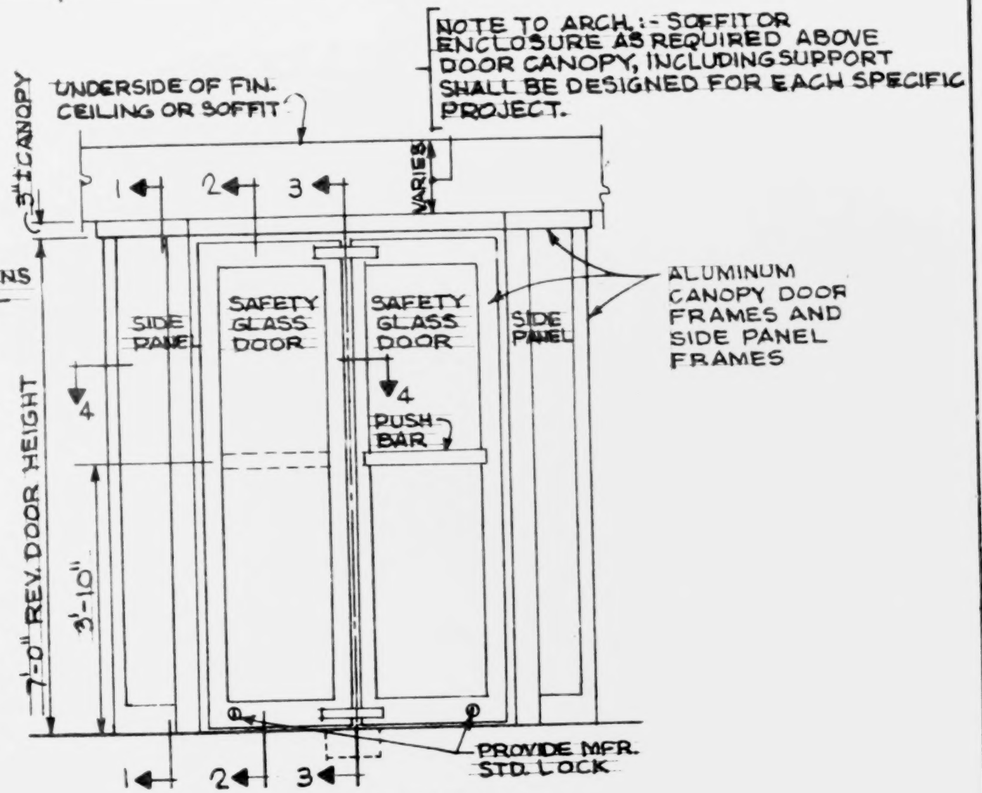
Revision

Title DOOR SCHEDULE

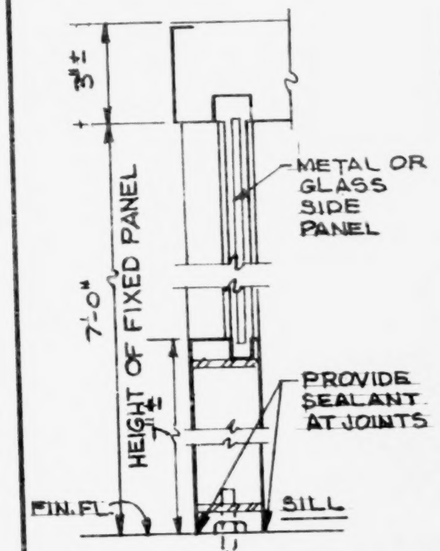
7.A



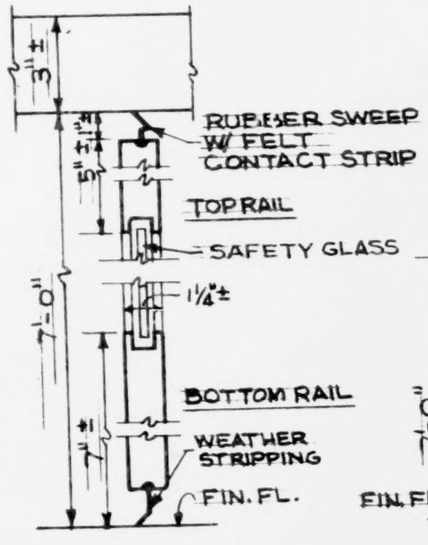
PLAN



ELEVATION



SECTION (1)



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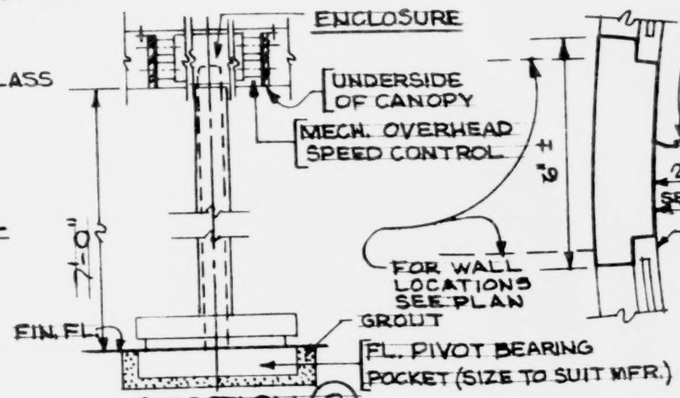

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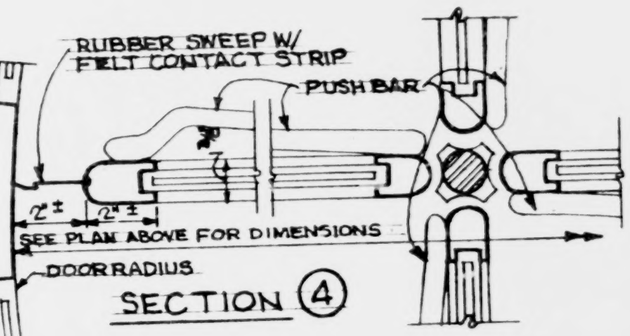


SECTION (4)

NOTES

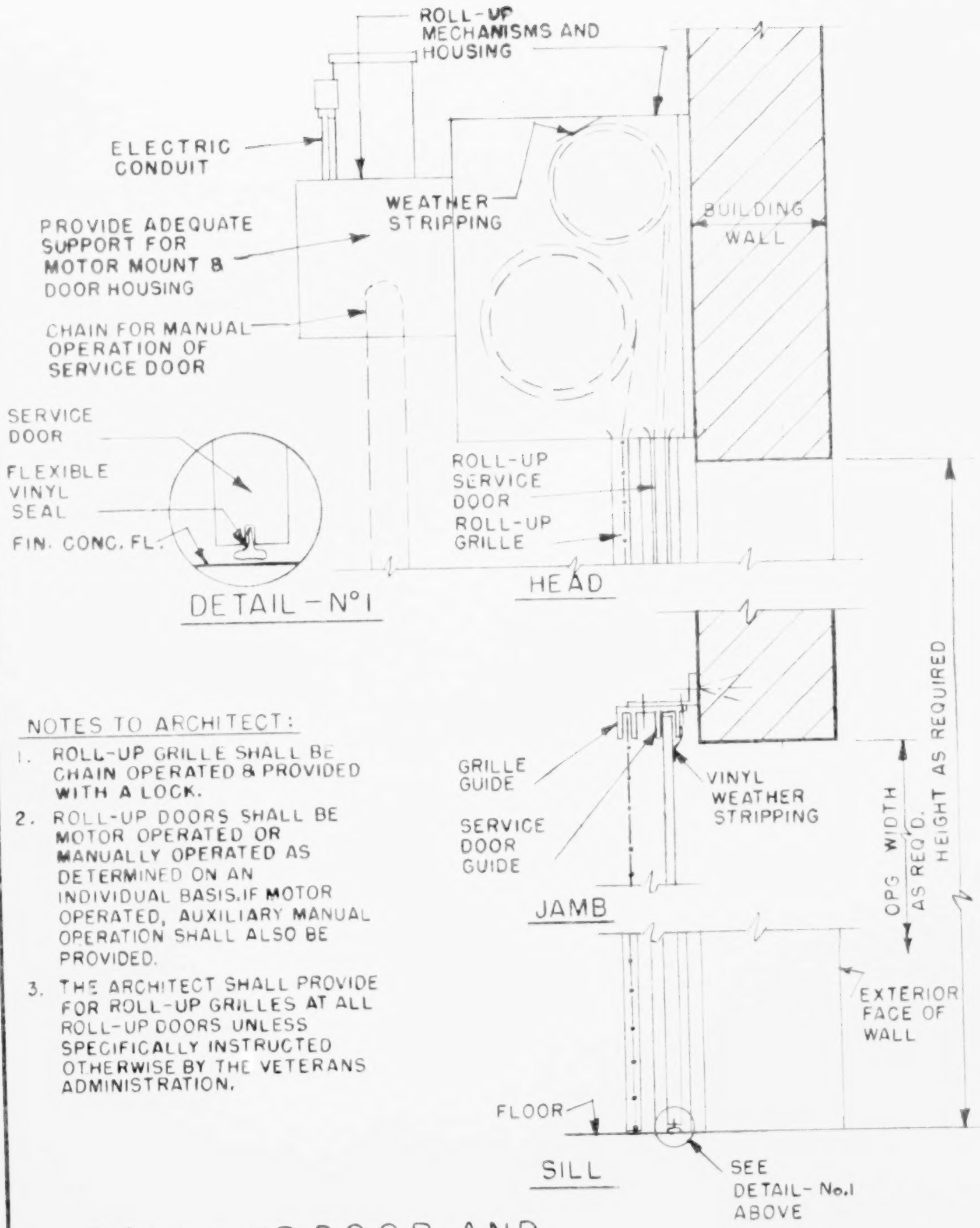
FRONT ENTRANCE - REVOLVING DOOR

TITLE

DATE ISSUED APRIL '60 REVISION

7C

Veterans Administration STANDARD DETAIL



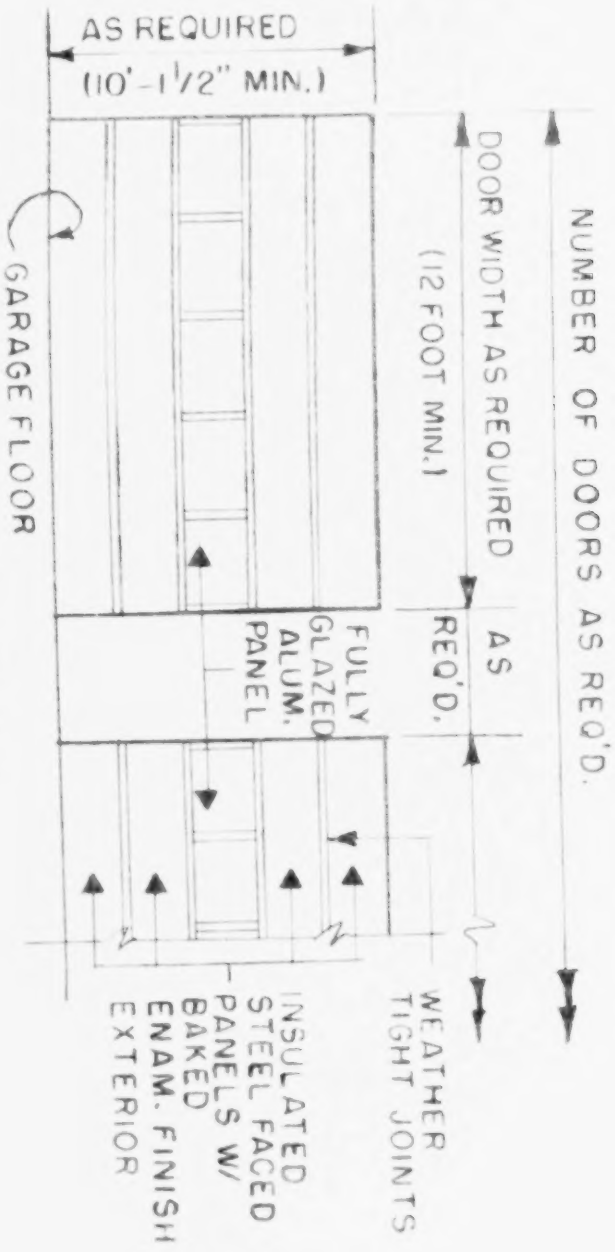
NOTES TO ARCHITECT:

1. ROLL-UP GRILLE SHALL BE CHAIN OPERATED & PROVIDED WITH A LOCK.
2. ROLL-UP DOORS SHALL BE MOTOR OPERATED OR MANUALLY OPERATED AS DETERMINED ON AN INDIVIDUAL BASIS. IF MOTOR OPERATED, AUXILIARY MANUAL OPERATION SHALL ALSO BE PROVIDED.
3. THE ARCHITECT SHALL PROVIDE FOR ROLL-UP GRILLES AT ALL ROLL-UP DOORS UNLESS SPECIFICALLY INSTRUCTED OTHERWISE BY THE VETERANS ADMINISTRATION.

ROLL- UP DOOR AND GRILLE DETAILS- SCHEMATIC

(FOR USE AT WAREHOUSES, BOILERPLANTS OR SIMILAR PLACES)

OVERHEAD DOORS FOR AMBULANCE ENTRANCE GARAGES-SCHEMATIC
(ELECTRICALLY OPERATED)



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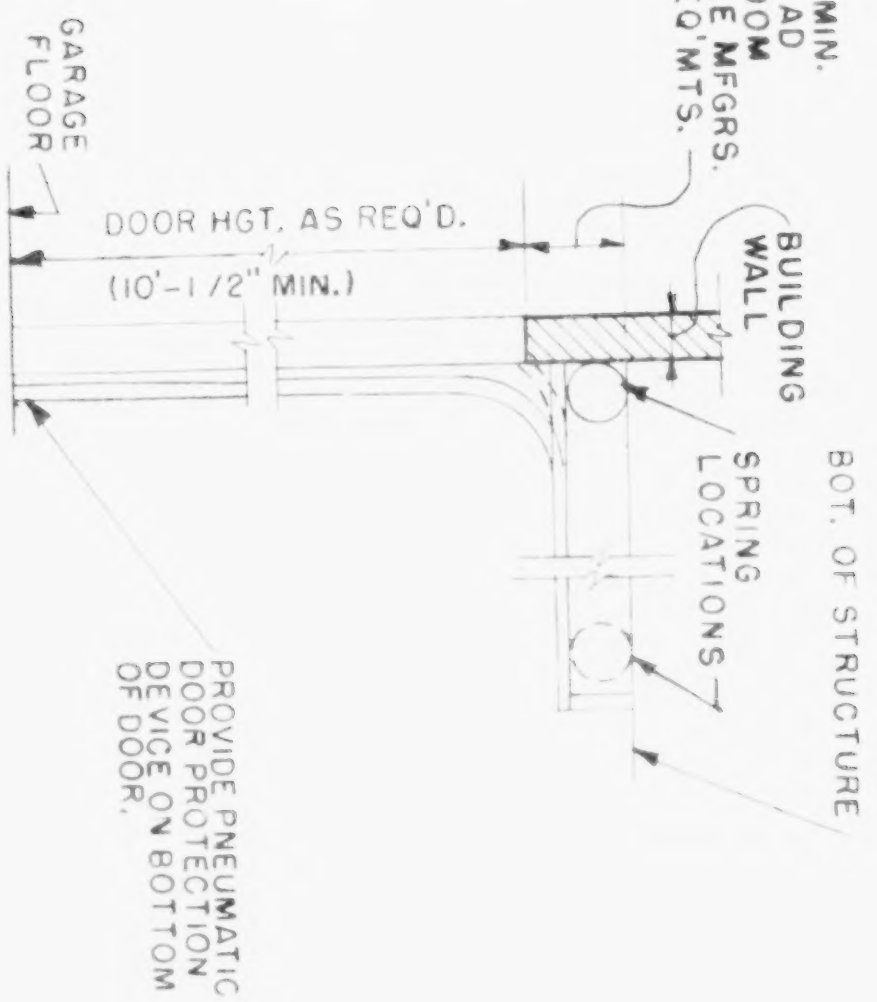


SECTION

SERVICE DOORS

TITLE

DATE ISSUED JAN.'79

REVISION

NOTES

1. PROVIDE NEOPRENE RUBBER SEAL AT JAMBS, HEAD & BOTTOM OF DOOR.
2. NO THRU-WALL SUPPORT FASTENINGS PERMITTED FOR HOUSING.
3. DOOR TRACKS AND ALL OTHER HARDWARE AND MECHANISMS SHALL BE AS REQUIRED BY MFGR. FOR SPECIFIC DOOR(S) USED.

Veterans Administration STANDARD DETAIL

7D

GENERAL NOTES:
1. EXTERIOR DOOR OPERATION DETERMINED BY STATION
2. SPACE NOT HEATED AND PROVIDE MINIMAL LIGHTING WHEN UNOCCUPIED.
3. PROVIDE WINTER/SUMMER SWITCH TO DISCONNECT HEATER IN SUMMER, ALSO PROVIDE THERMOSTAT.
4. EXHAUST FANS TO BE TIME DELAY SHUTOFF FOR PROPER EXHAUST CLEARING.

7E

Veterans Administration STANDARD DETAIL

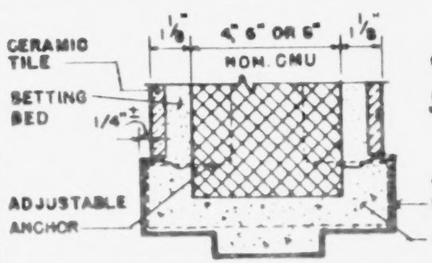
TITLE

DATE ISSUED 6/18/86 REVISION

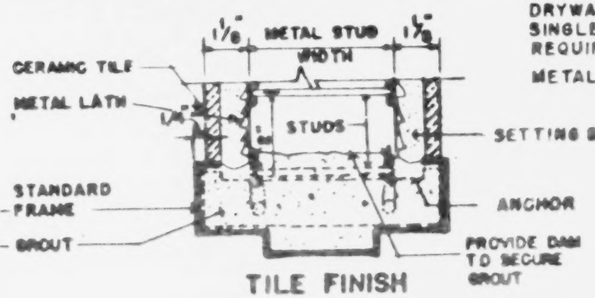
NOTES

1. MAXIMUM DIMENSION [illegible] BY FED [illegible]

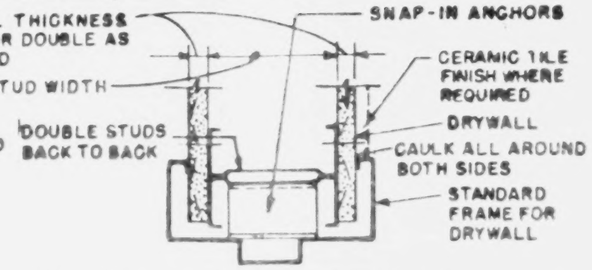
[illegible] TWO WAY RADIO ANTENNA



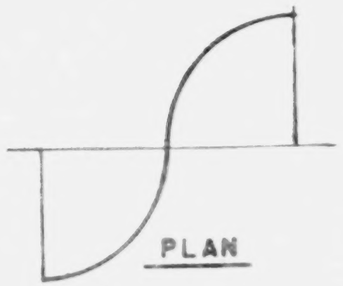
MASONRY BLOCK WITH CERAMIC TILE FINISH



TILE FINISH

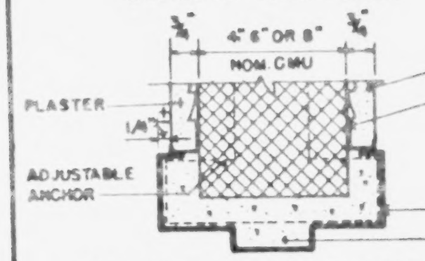


FRAMES IN METAL STUD PARTITIONS

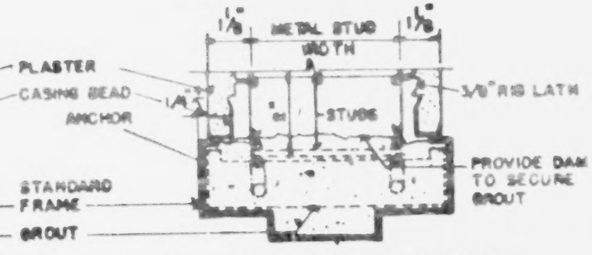


NOTE:

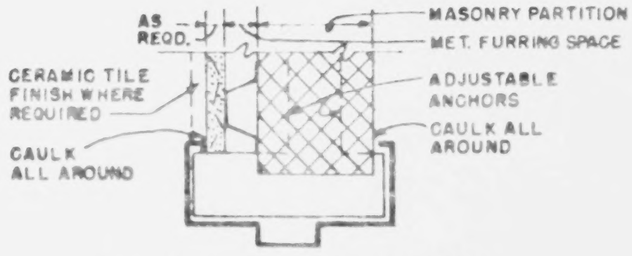
SHOWING THE SWING OF DOUBLE EGRESS DOORS



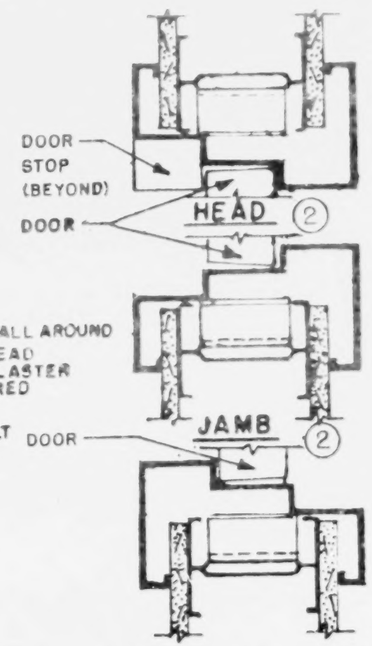
MASONRY BLOCK PLASTERED



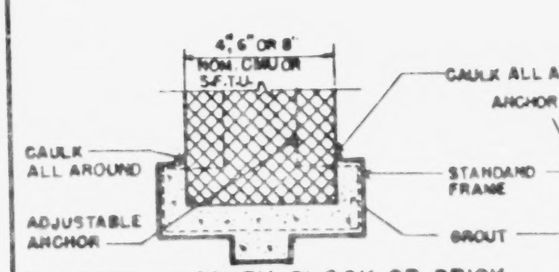
PLASTER FINISH ABOVE TILE WAINSCOT



FRAMES IN MASONRY PARTITION FACED WITH DRYWALL

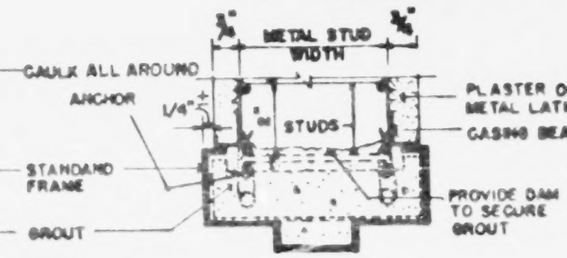


DOUBLE EGRESS DOORS



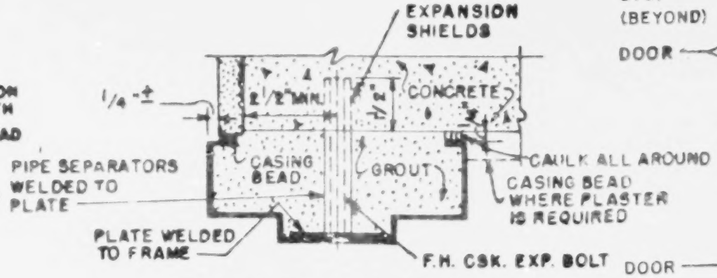
EXPOSED MASONRY BLOCK OR BRICK

FRAMES IN MASONRY PARTITIONS

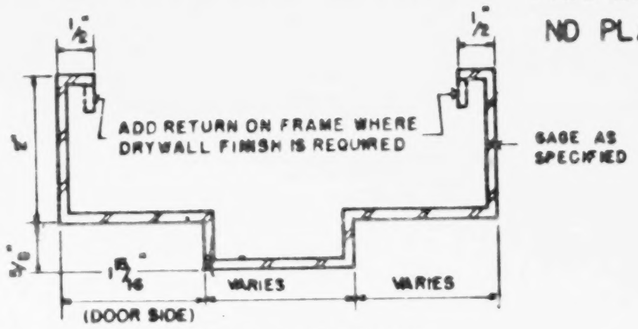


PLASTER FINISH

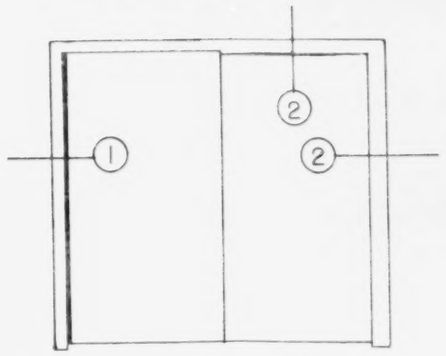
FRAMES IN METAL STUD NO PLASTER PARTITIONS



FRAME AT CONCRETE WALLS



STANDARD DOOR FRAME



DOUBLE EGRESS DOOR FRAME

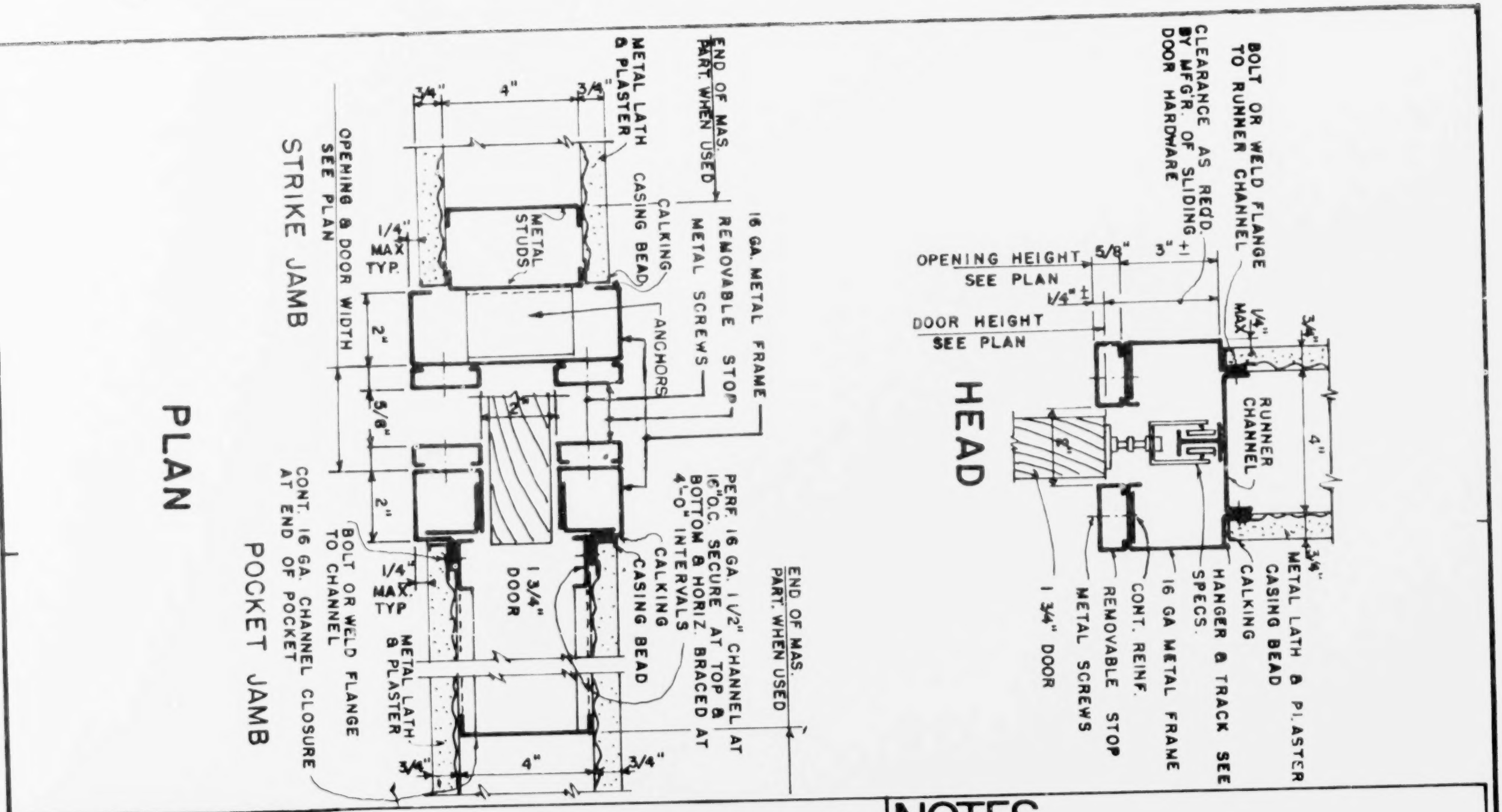
Notes
1. See specifications for thickness of all metal.
2. Frames for sound rated doors are shown on Standard Detail No. 7B.
3. Frames for lead lined doors are shown on Standard Detail Nos. 24E, 24F & 24F1.
4. Frames for sliding doors are shown on Standard Detail No. 8A & 8B.
5. Details shown on this sheet do not cover all possible conditions. They show the basic conditions and indicate the desired relationships to adjacent surfaces.

TITLE: FRAMES FOR INTERIOR DOORS

DATE ISSUED APRIL '80 | REVISION

8

Veterans Administration STANDARD DETAIL



8A

Veterans Administration STANDARD DETAIL

FRAME FOR MANUALLY OPERATED SLIDING DOORS

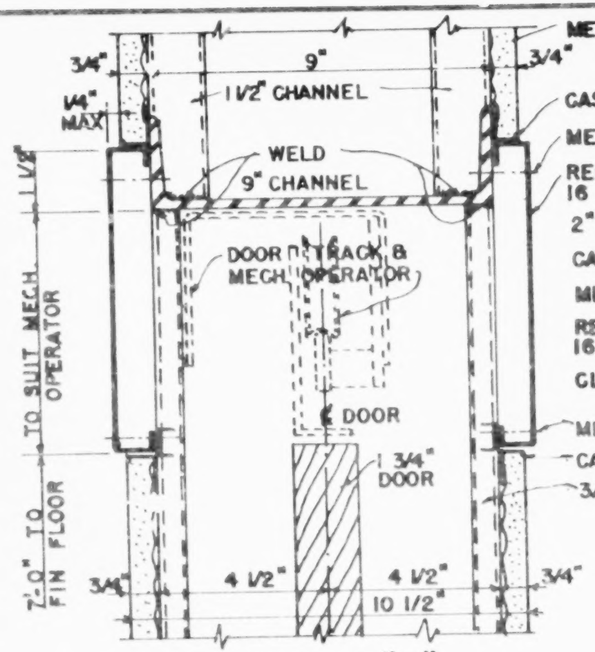
TITLE

DATE ISSUED MAR. '78

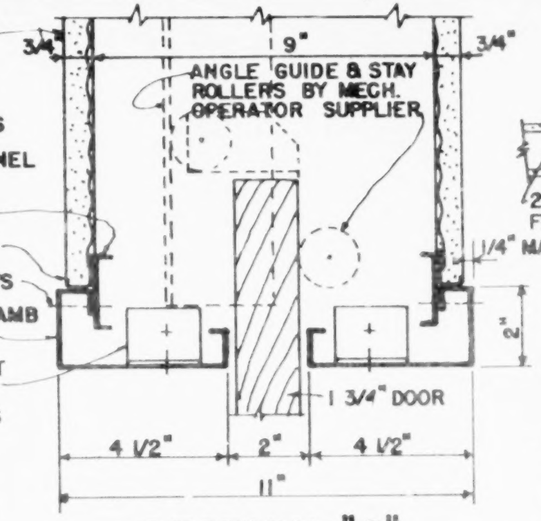
REVISION

NOTES

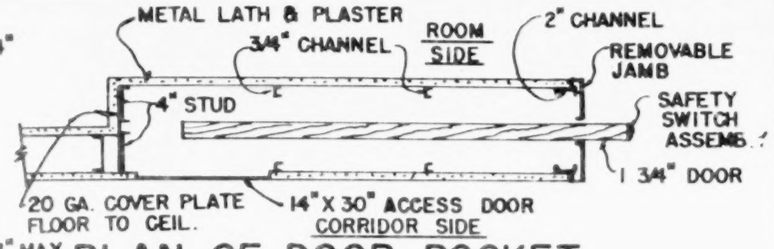
1. TYPE & SIZE OF DOOR SHALL BE AS INDICATED ON PLANS.
2. IN MASONRY PARTITION ABOVE DOOR & ON POCKET SIDE SHALL BE CONSTRUCTED AS SHOWN OF METAL STUDS & CHANNELS.
3. PROVIDE A 12" x 24" METAL ACCESS DOOR ON CORRIDOR SIDE OF POCKET JUST ABOVE CORRIDOR BASE.
4. DETAILS FOR INSTALLATION IN DRY-WALL PART'NS. ARE SIMILAR.



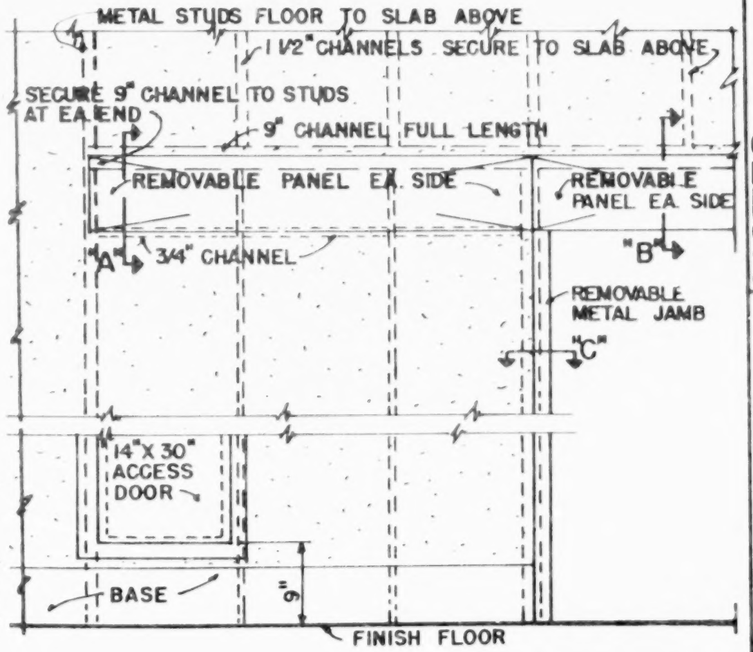
SECTION "A"
DOOR HEAD AT POCKET



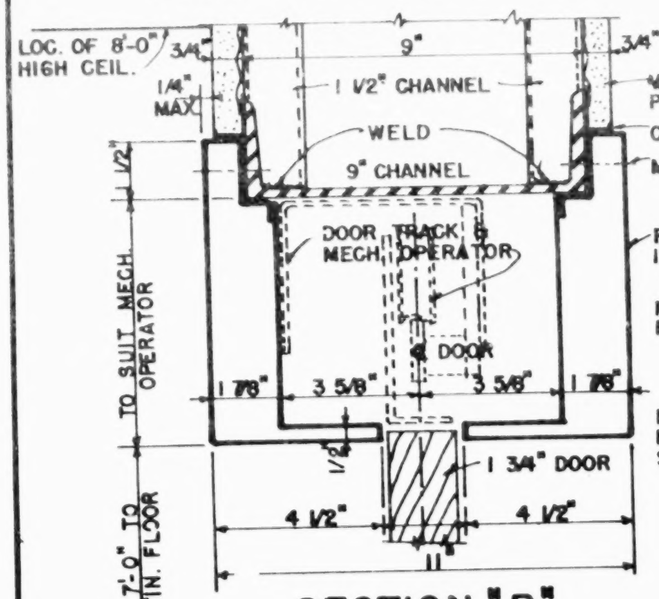
SECTION "C"
DOOR JAMB AT POCKET



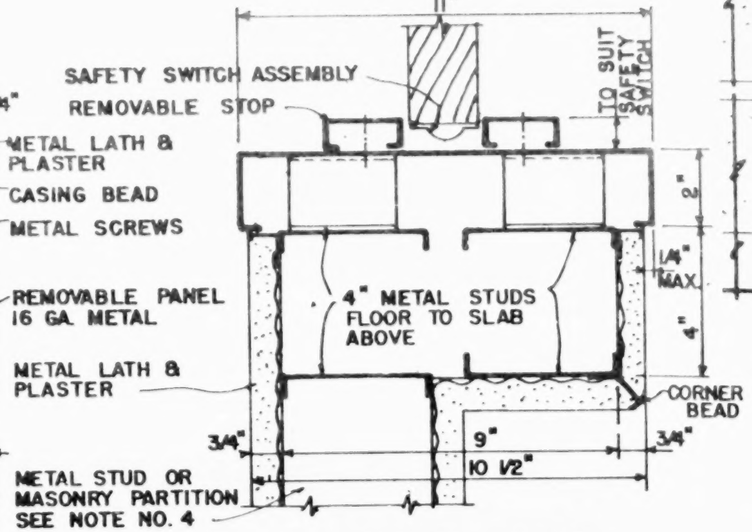
PLAN OF DOOR POCKET
SCALE 3/4"=1'-0"



ELEVATION OF DOOR POCKET
(CORRIDOR SIDE)



SECTION "B"
DOOR HEAD



DOOR JAMB
STRIKE SIDE

NOTES

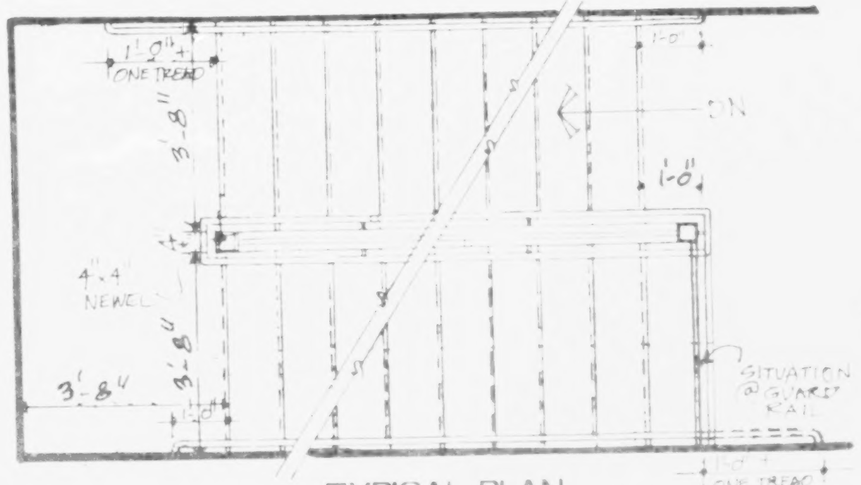
1. SEE ARCH. PLANS FOR SIZE & TYPE OF DOOR & LOCATION OF DOOR POCKET.
2. PROVIDE HORIZONTAL BRACING FOR 3/4" FURRING CHANNELS AT MID-HEIGHT OF DOOR POCKET.
3. DETAILS FOR INSTALLATION IN DRY-WALL PARTITIONS ARE SIMILAR.
4. WHERE MASONRY PARTITIONS ARE USED PARTITION ABOVE DOOR & AT POCKET SHALL BE CONSTRUCTED AS SHOWN OF METAL STUD & PLASTER.

TITLE: FRAMES FOR AUTOMATIC SLIDING DOORS

DATE ISSUED APRIL '60 | REVISION

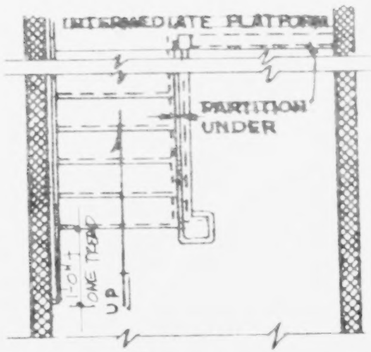
8B

Veterans Administration STANDARD DETAIL

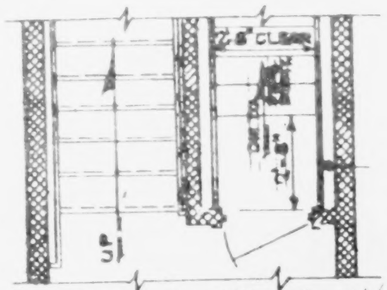


TYPICAL PLAN

NOT TO SCALE

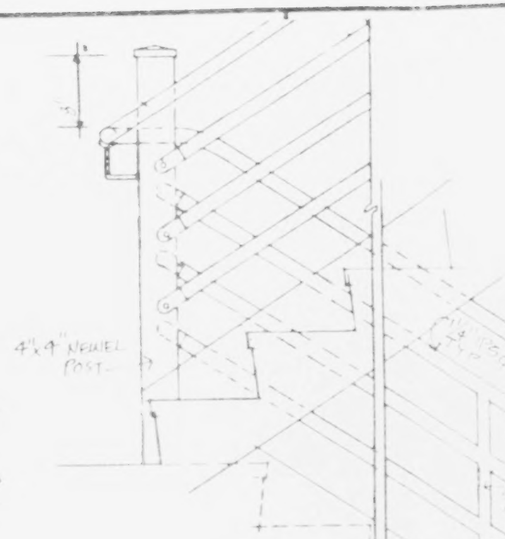


BOTTOM LANDING



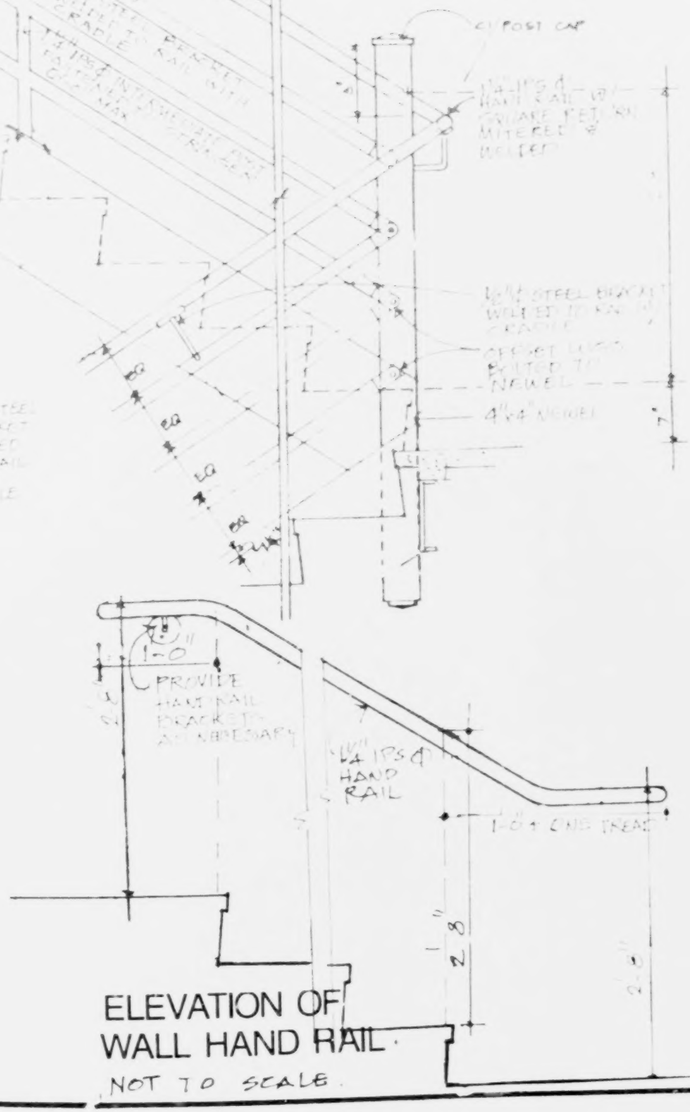
TYPICAL PLANS

1/4" = 1'-0"



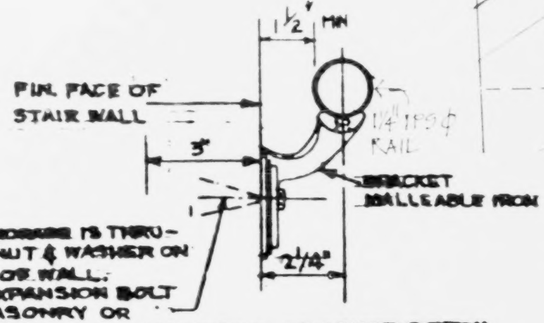
SECTION THRU GUARD RAIL

NOT TO SCALE



ELEVATION OF WALL HAND RAIL

NOT TO SCALE



WALL HANDRAIL BRACKET DETAIL

NO SCALE

NOTES

IN ADDITION TO THE ABOVE-NOTED REQUIREMENTS, ALL HOSPITAL EXIT STAIRS SHALL CONFORM TO THE REQUIREMENTS FOR CLASS A STAIRS AS SET FORTH IN NFPA 101.

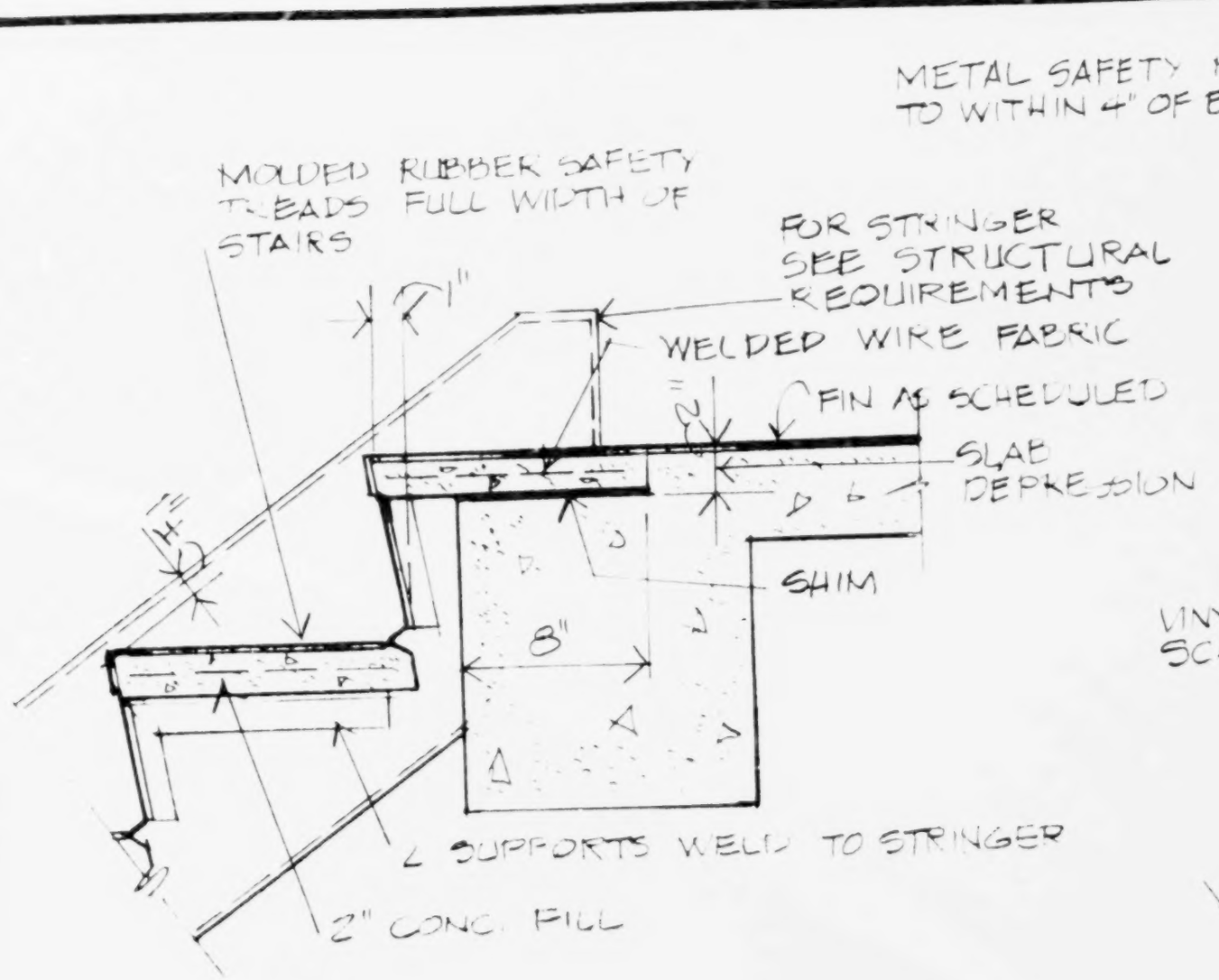
STEEL STAIR IS RECOMMENDED IN LIEU OF CONCRETE STAIR DUE TO COST.

STAIR DETAILS (EXIT STAIRS)

TITLE	REVISION
JUNE 1, 1986 DATE ISSUED	

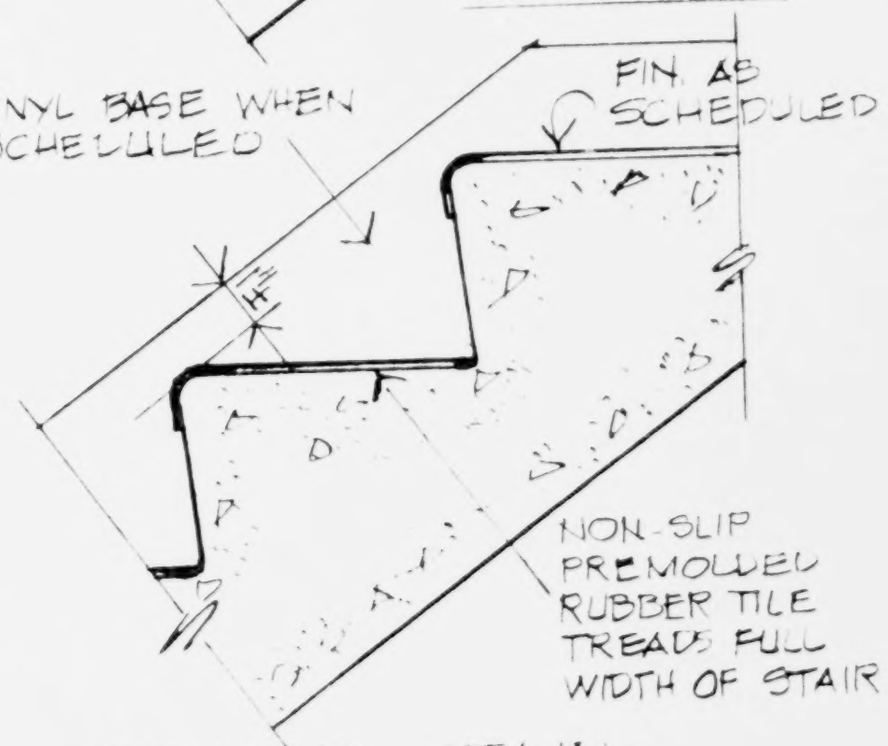
10

Veterans Administration STANDARD DETAIL



STEEL STAIR

EXTERIOR STAIR



INTERIOR STAIR

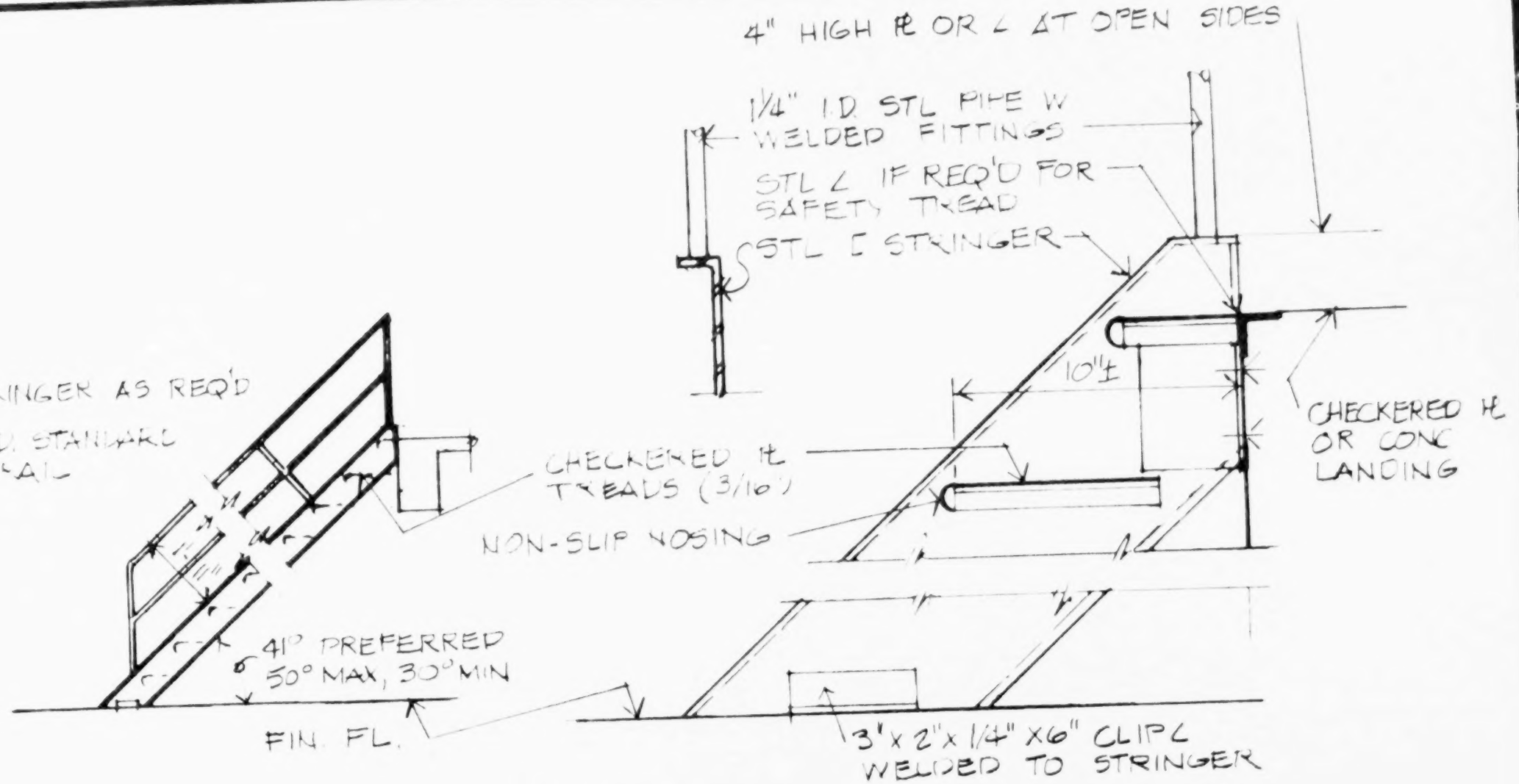
10A

Title: STAIR TREAD & RISER DETAILS

Date Issued: 1/30/19

Revision:

Notes:



10B

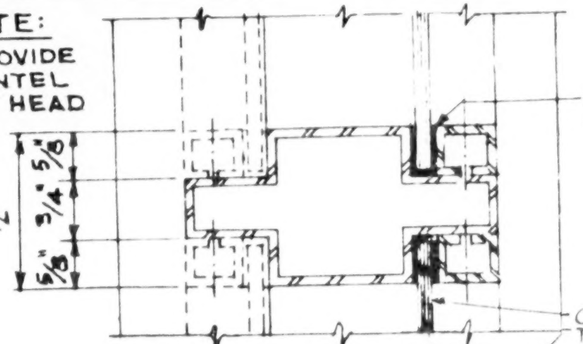
Title
STEEL STAIR TO SERVICE AREA

Date Issued
1/30/89

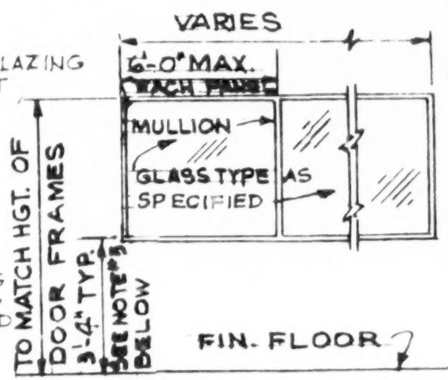
Revision

Notes

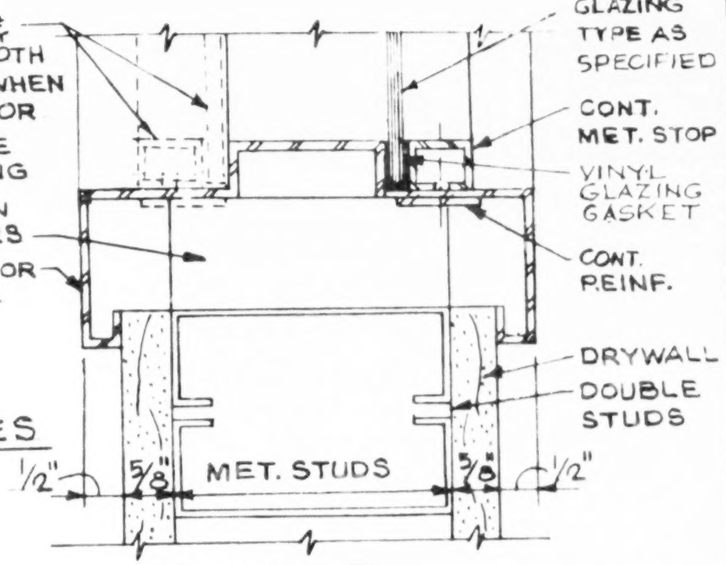
NOTE:
PROVIDE LINTEL AT HEAD



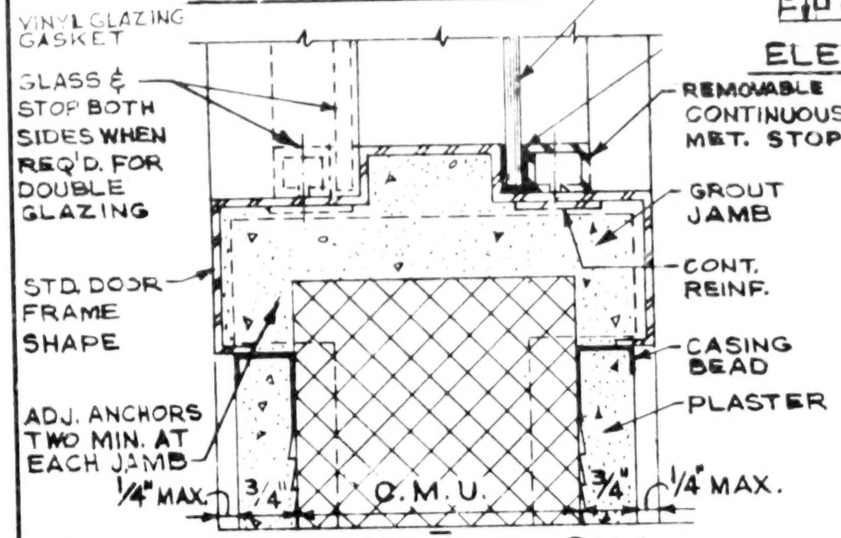
TYPICAL MULLION



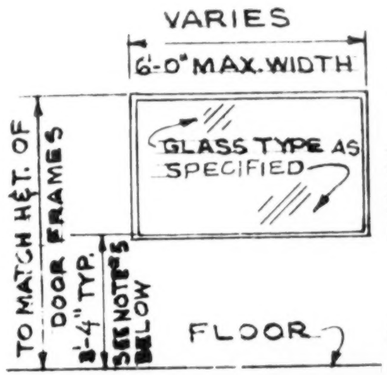
ELEVATION-MULTIPLE PANES



JAMB

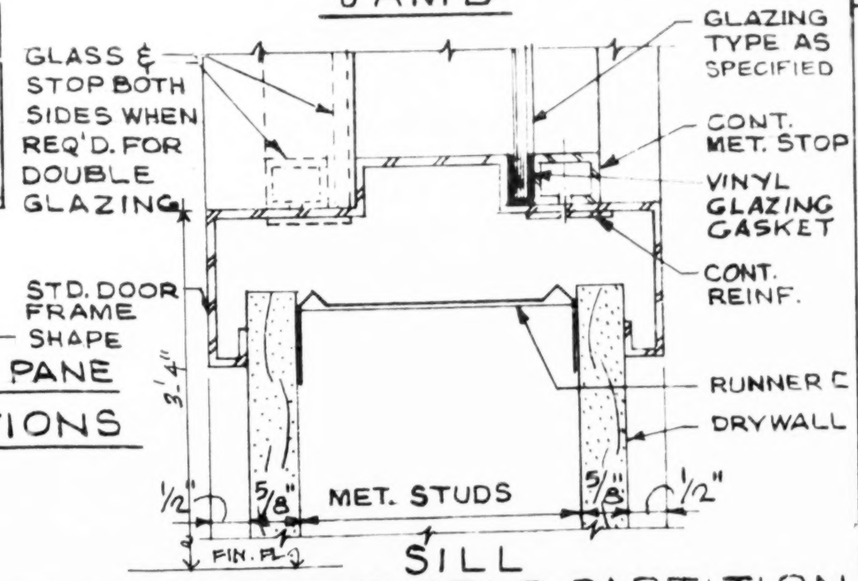


TYPICAL SECTION - SILL
FRAME IN MASONRY PARTITION
W/ PLASTER FINISH -



ELEVATION - SINGLE PANE

TYPICAL ELEVATIONS



SILL
FRAME IN MET. STUD PARTITION
W/DRYWALL FINISH

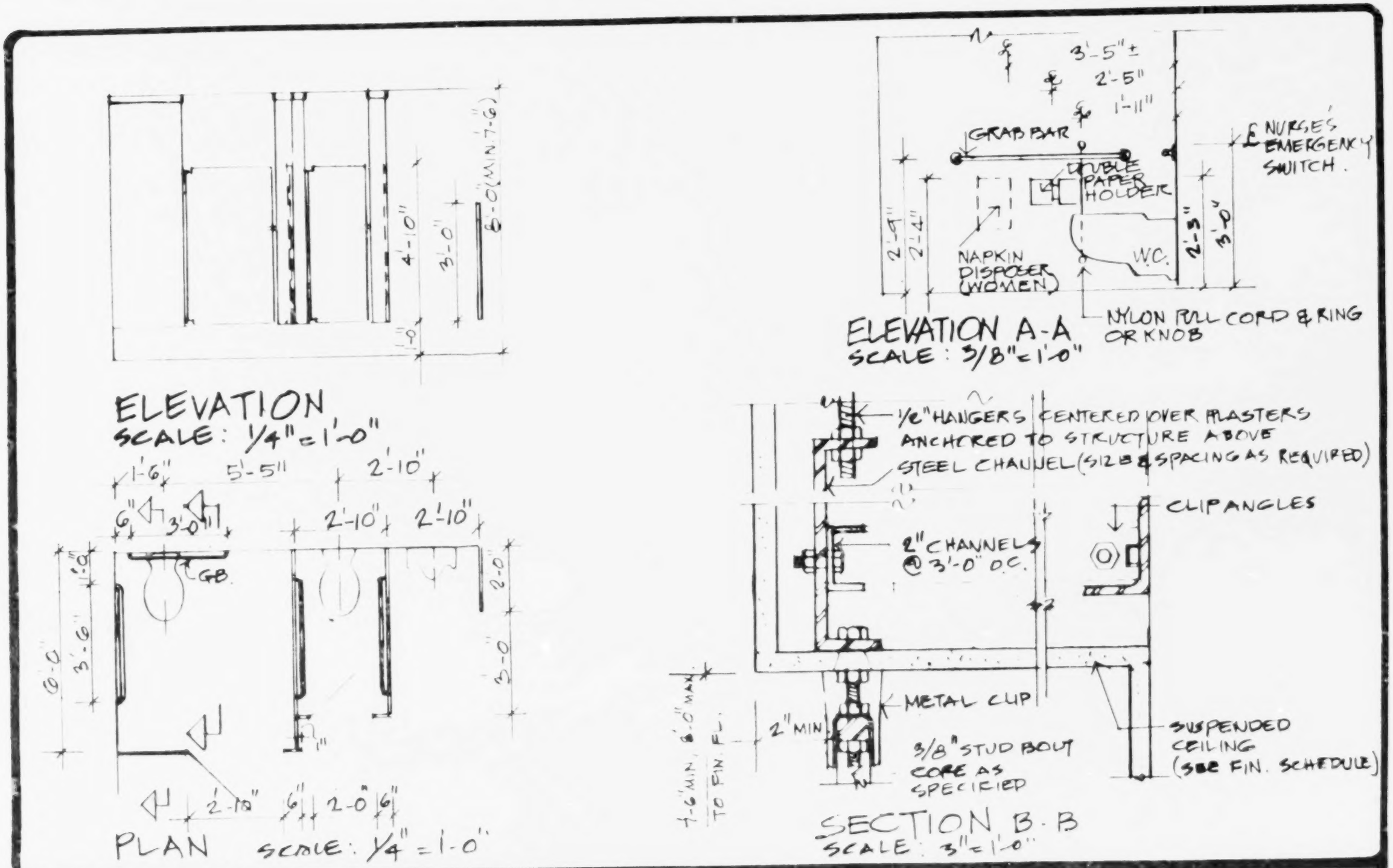
NOTES
1. GLASS TYPE SHALL BE AS SPECIFIED.
2. HEIGHT MAY VERY IF NECESSARY.
3. SEE SPECS. FOR GAUGES & OTHER REQUIREMENTS.
4. IN METAL STUD PART'S., PROVIDE RUNNER C OVER WINDOW & CONTINUE STUD SPACING OVER.
5. HEIGHT OF ONE-WAY OBSERVATION WINDOWS FROM FL. TO SILL SHALL BE 2'-0" IN AREAS SUCH AS GROUP THERAPY FOR VIEWING A SITTING POSITION.
6. REMOVABLE STOP OPPOSITE PATIENTS SIDE.
7. MODIFY AS NEC. FOR INSTALLATION IN METAL STUD PART'S. WITH PLASTER FIN. SEE DR. FR. DETAIL ON STD. DETAIL NO. 8.

TITLE
OBSERVATION WINDOWS

DATE ISSUED
REVISION SEP. 14, 1966

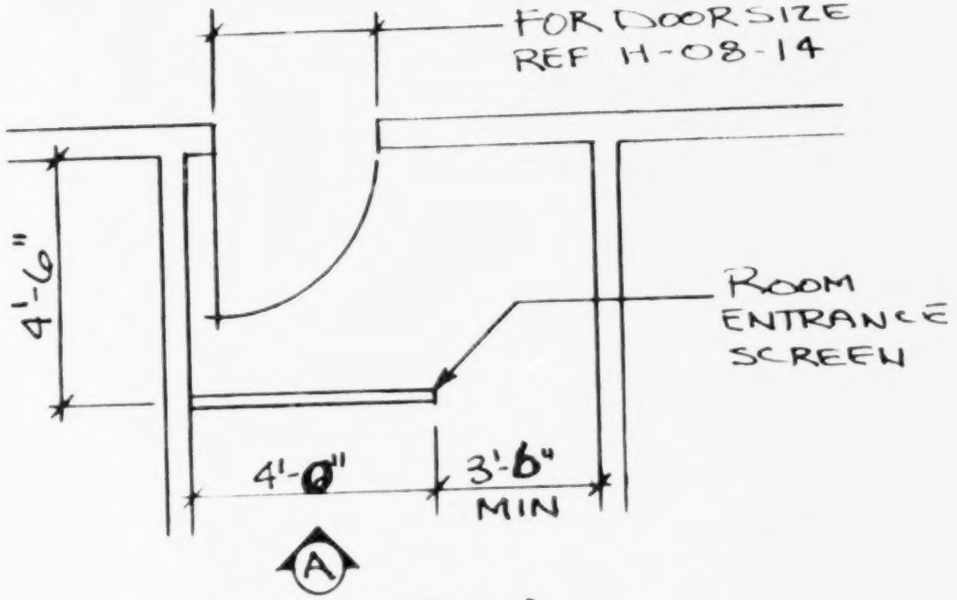
11

Veterans Administration STANDARD DETAIL

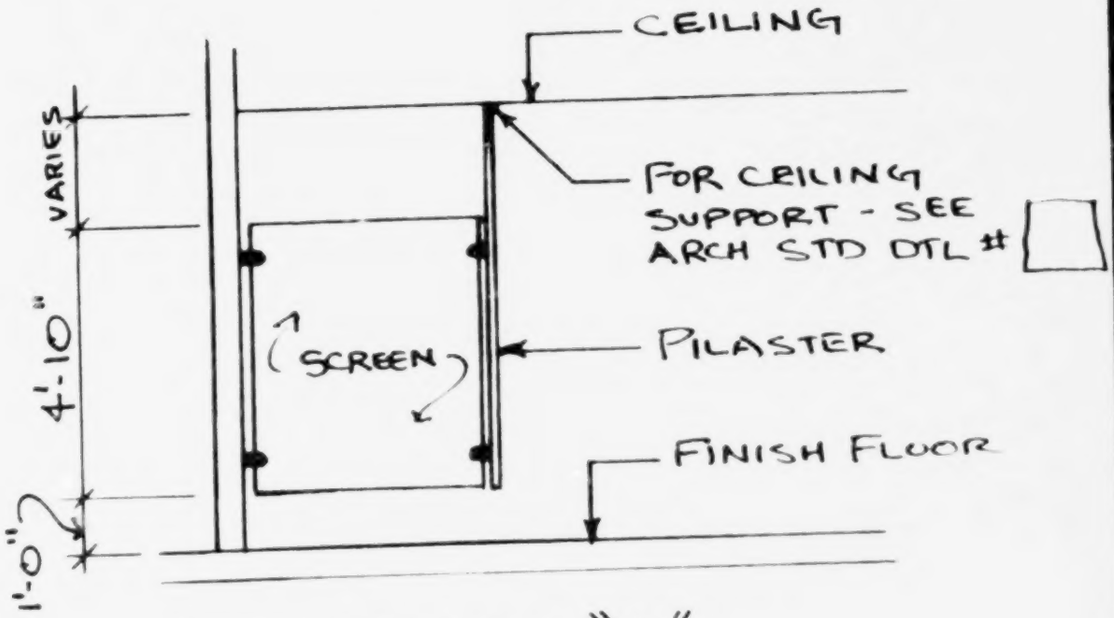


Title	Date Issued	Notes
TOILET STALL	33 / 11	
	Revision	

12

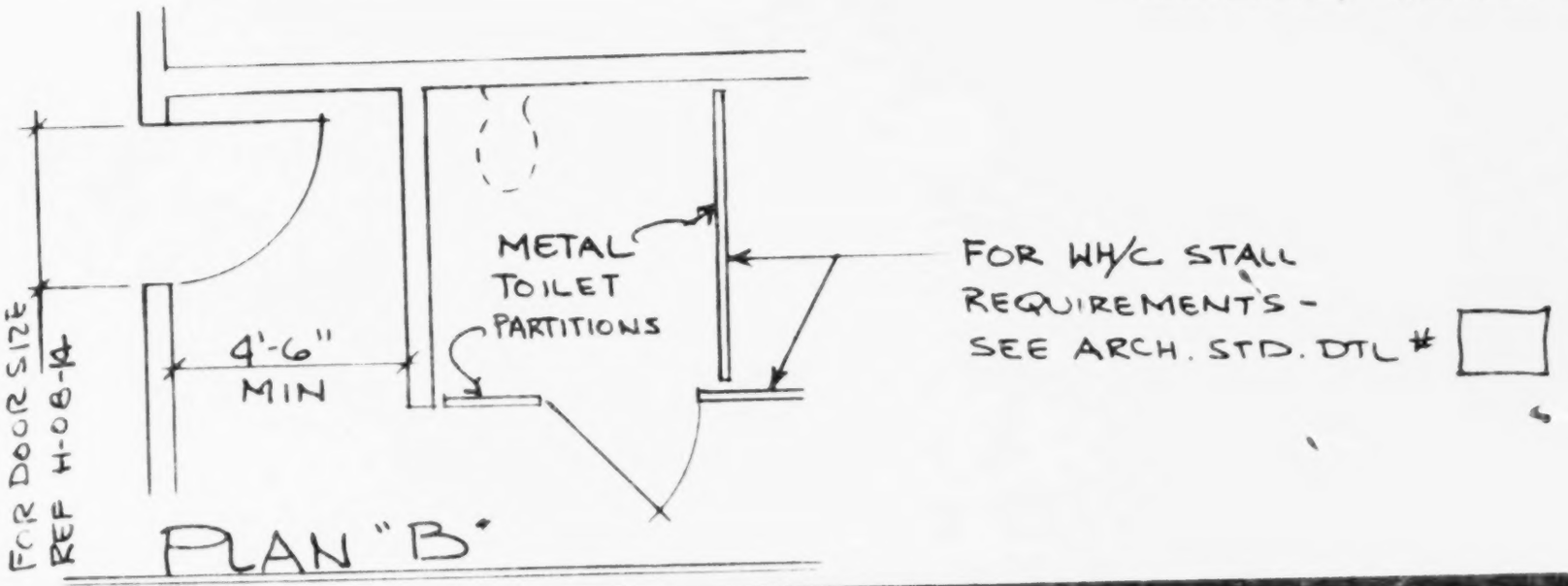


PLAN "A"



ELEVATION "A"

CEILING HUNG SCREEN



PLAN "B"

SCALE 1/4" = 1'-0"

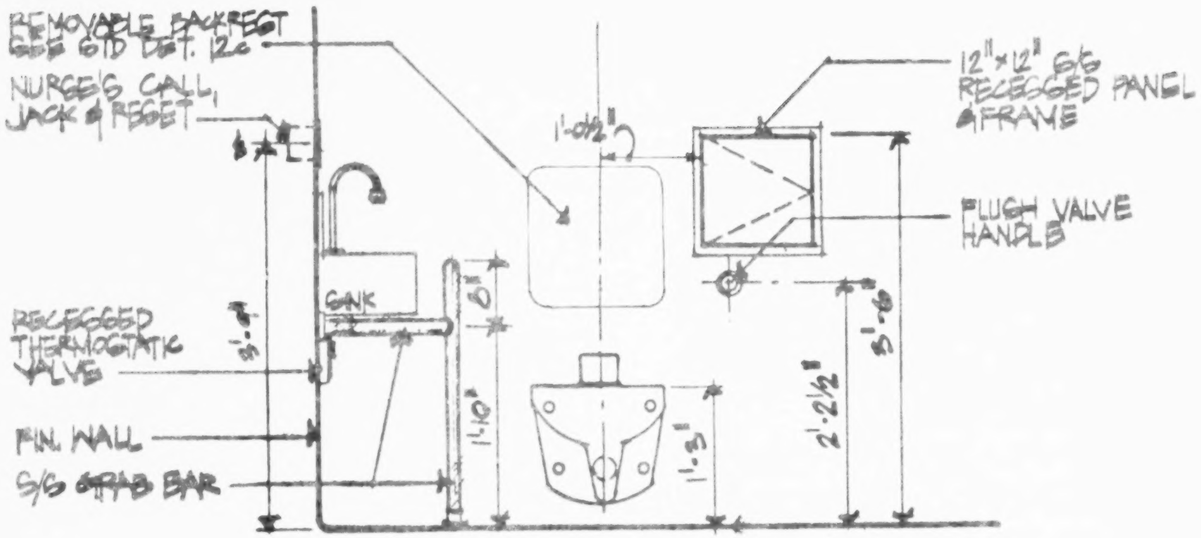
12A

Title
ENTRANCE SCREEN FOR
WHEELCHAIR TOILET

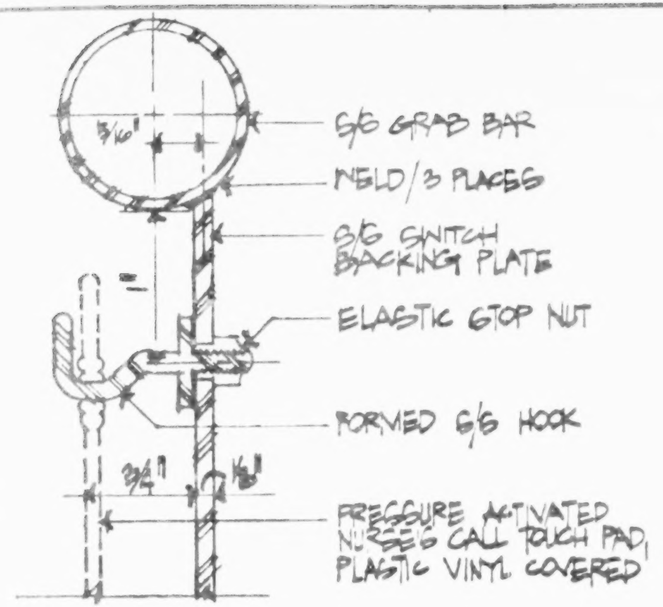
Date Issued
1/3[illegible]

Revision

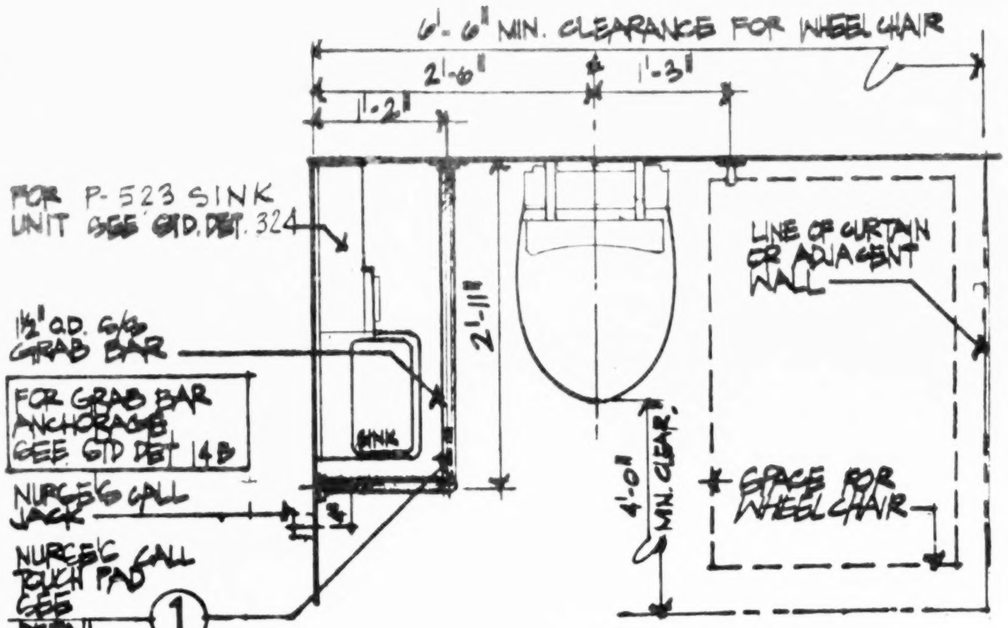
Notes
1. THE ABOVE PLANS REFLECT MINIMUM DIMENSIONS FOR WHEELCHAIR ENTRY.
2. PRIVATE WHEELCHAIR TOILETS DO NOT REQUIRE SCREENING.



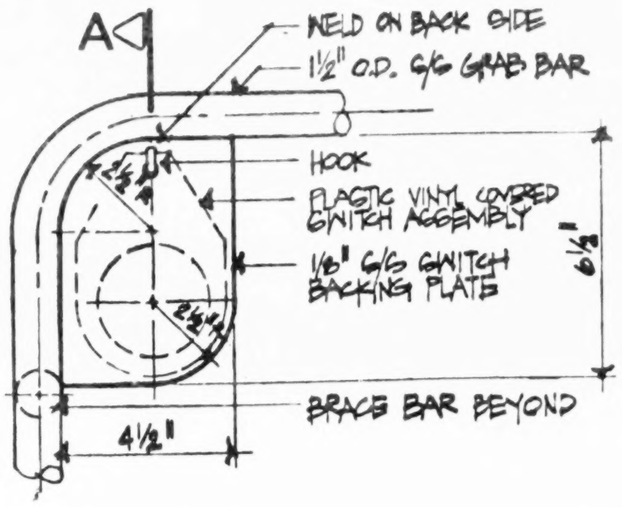
FRONT ELEVATION



SECTION △A



PLAN



DETAIL ①

NOTES

WHERE PLAN ARRANGEMENT ALLOWS, THE ACCESS PANEL TO THE CONCEALED FLUSH VALVE IS TO BE LOCATED ON THE REVERSE SIDE OF THE PARTITION. THE BOTTOM OF THE PANEL FRAME IS TO BE 1 FT. 9 IN. ABOVE THE FLOOR. THE HORIZONTAL LOCATION SHALL REMAIN THE SAME. ACCESS PANELS OCCURING IN FIRE OR SMOKE PARTITIONS AND THE PARTITION, SHALL BE DESIGNED TO RETAIN THE REQUIRED UL FIRE RATING OF THAT PARTITION.

SELF-CARE TOILET FOR SPINAL CORD INJURY USE — PLAN & DETAILS

TITLE

DATE ISSUED Sept. '79 | REVISION MAR. '82

12B

Veterans Administration STANDARD DETAIL

ELEVATION "A"

BRACKET SEE STD. DET. 20

ELEVATION "B"

ANCHORAGE PER STD. DET. 66

PLAN

CURTAIN TRACK DETAIL

NOTES

CONSTRUCTION TO BE SIMILAR TO STD. MFGR. TOILET PARTITIONS AND/OR AS SPECIFIED. SEE STD. DET. 20 FOR DETAILS OF WOOD SEAT.

TYPICAL DRESSING BOOTHS

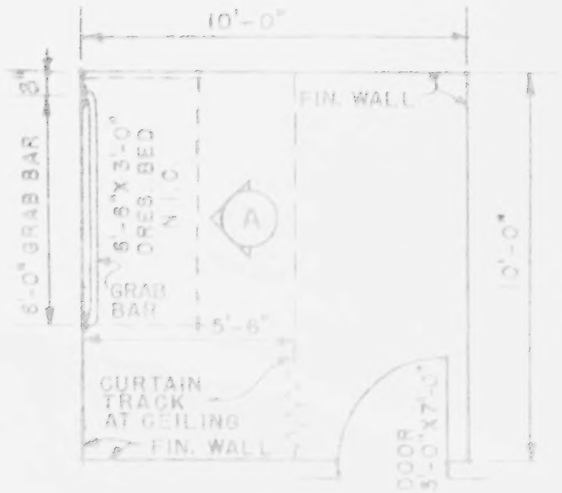
(NON WHEEL CHAIR)

TITLE

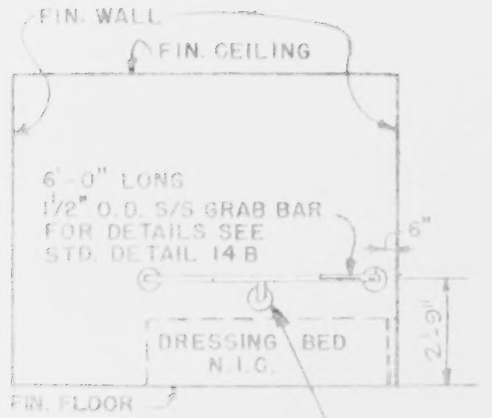
DATE ISSUED JUNE '78 | REVISION 4/18/80

12E

Veterans Administration STANDARD DETAIL



PLAN



ELEVATION "A"

DETAIL FOR
INTERMEDIATE SUPPORT

DRESSING ROOMS IN SPINAL CORD INJURY & GENITORY-URINARY CLINICS

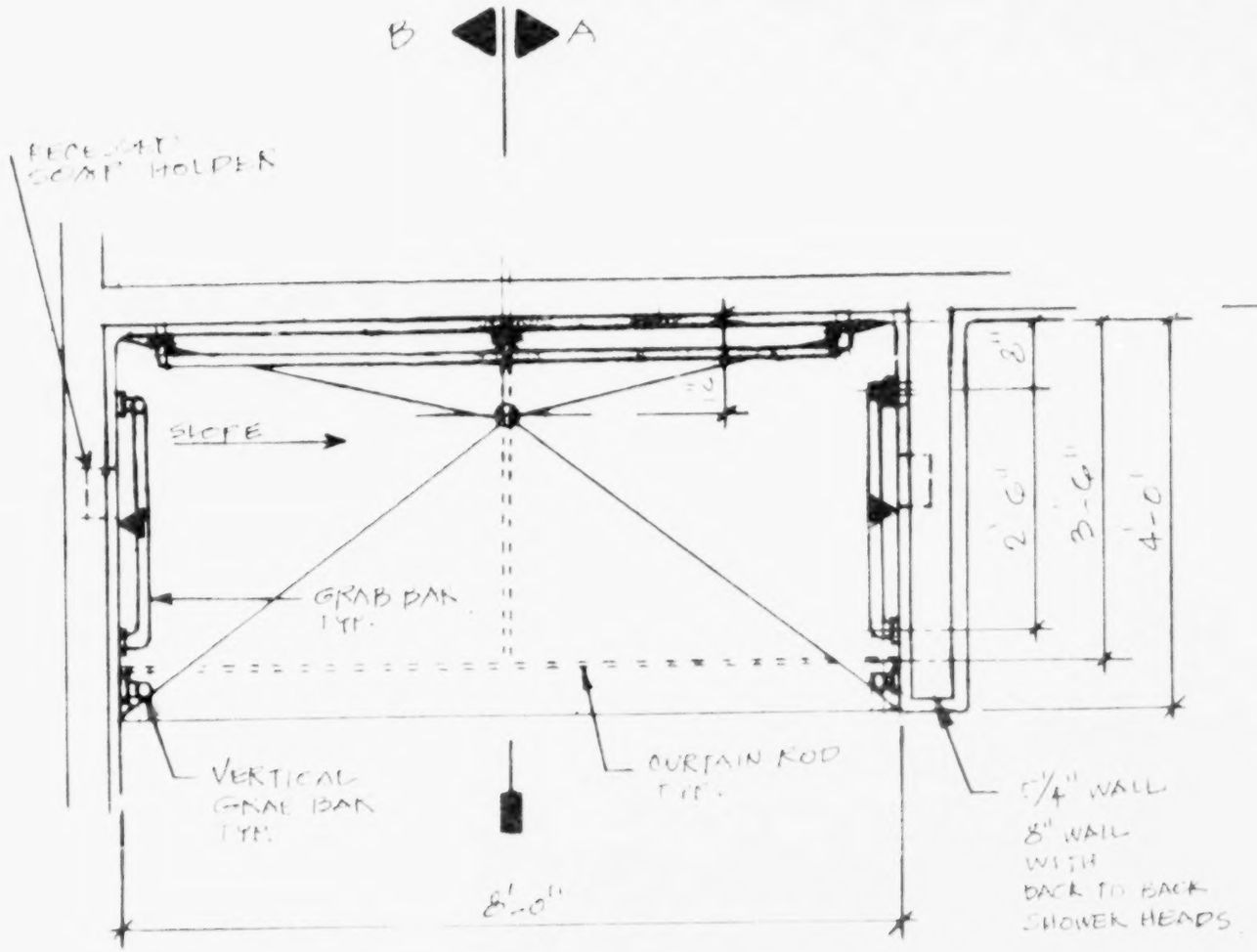
NOTES

TITLE

DATE ISSUED MARCH 78 REVISION 6/36

12F

Veterans Administration STANDARD DETAIL



SCALE: 1/2"=1'-0"

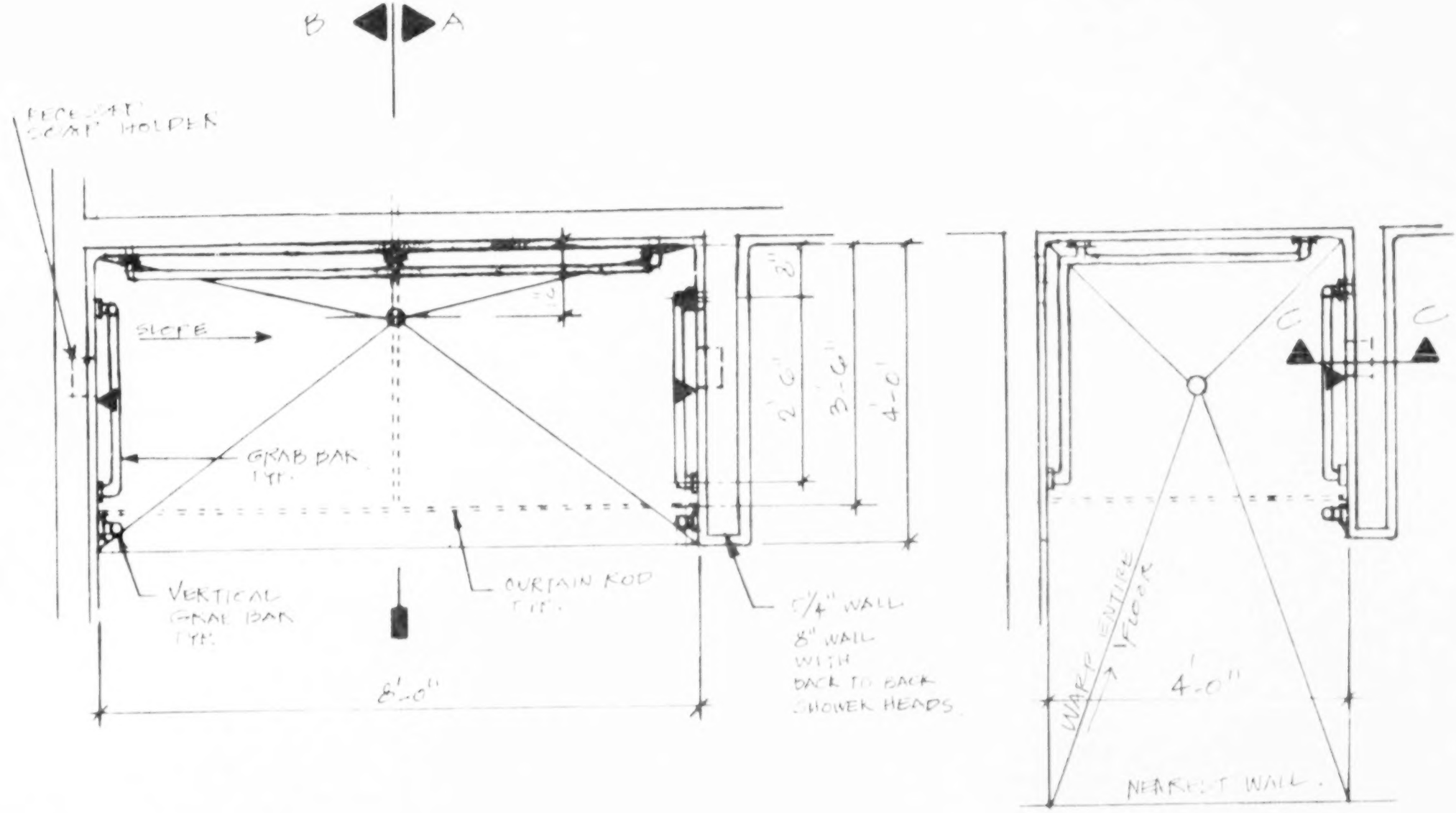
3

Title
SHOWERS. PATIENT WHEELCHAIR ACCESSIBLE.

Date Issued
1/30/80

Revision

Notes
1. SEE ARCH. STD DETAIL 14-B FOR GRAB BAR DETAIL.



SCALE: 1/2"=1'-0"

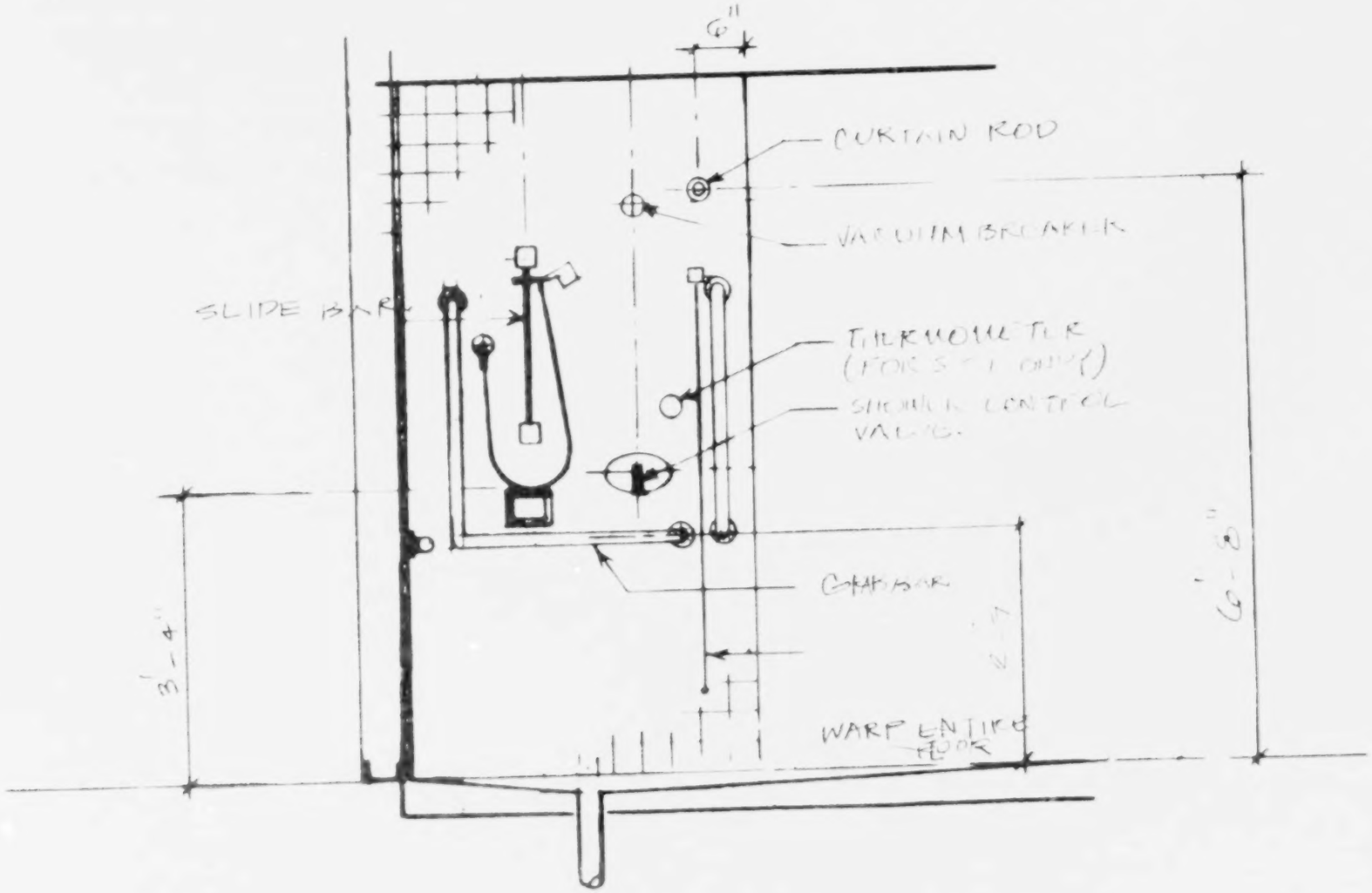
3

Title
SHOWERS. PATIENT WHEELCHAIR ACCESSIBLE.

Date issued
1/30/87

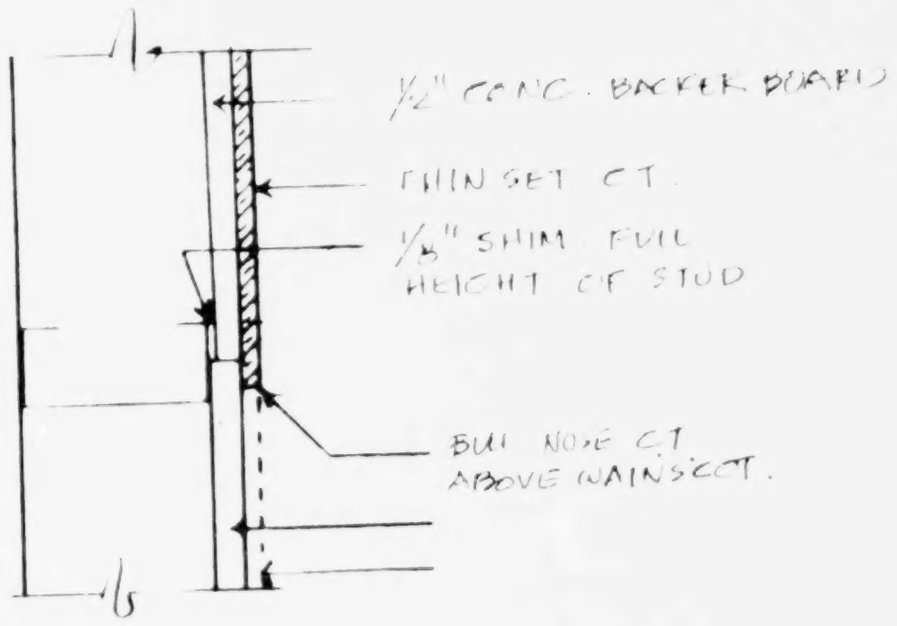
Revision

Notes
1. SEE ARCH. STD DETAIL 14-B FOR GRAB BAR DETAIL

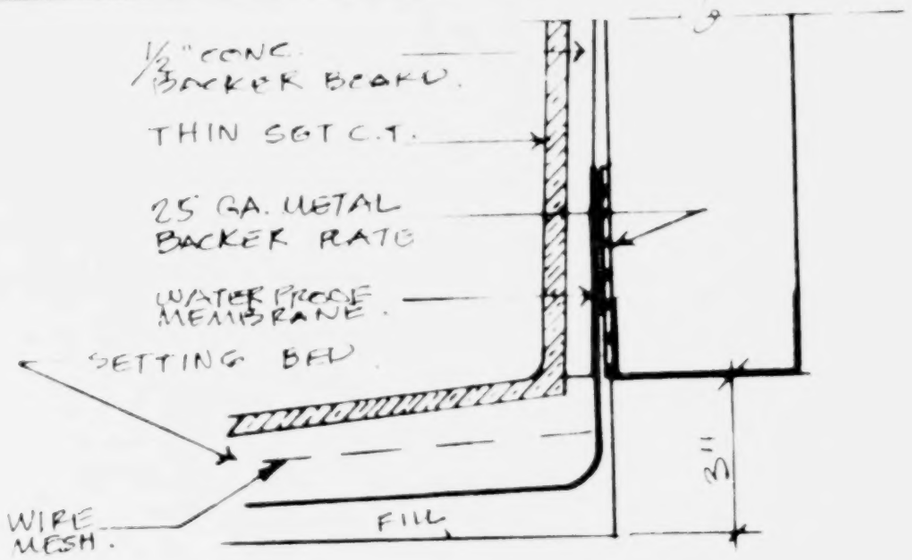


SCALE: 1/2" = 1'-0

13.1	Title: SHOWER ~~[illegible]~~ PATIENT WHEEL CHAIR ACCESSIBLE	Date issued: 1/30/79 Revision:	Notes



DETAIL 1



SECTION C-C

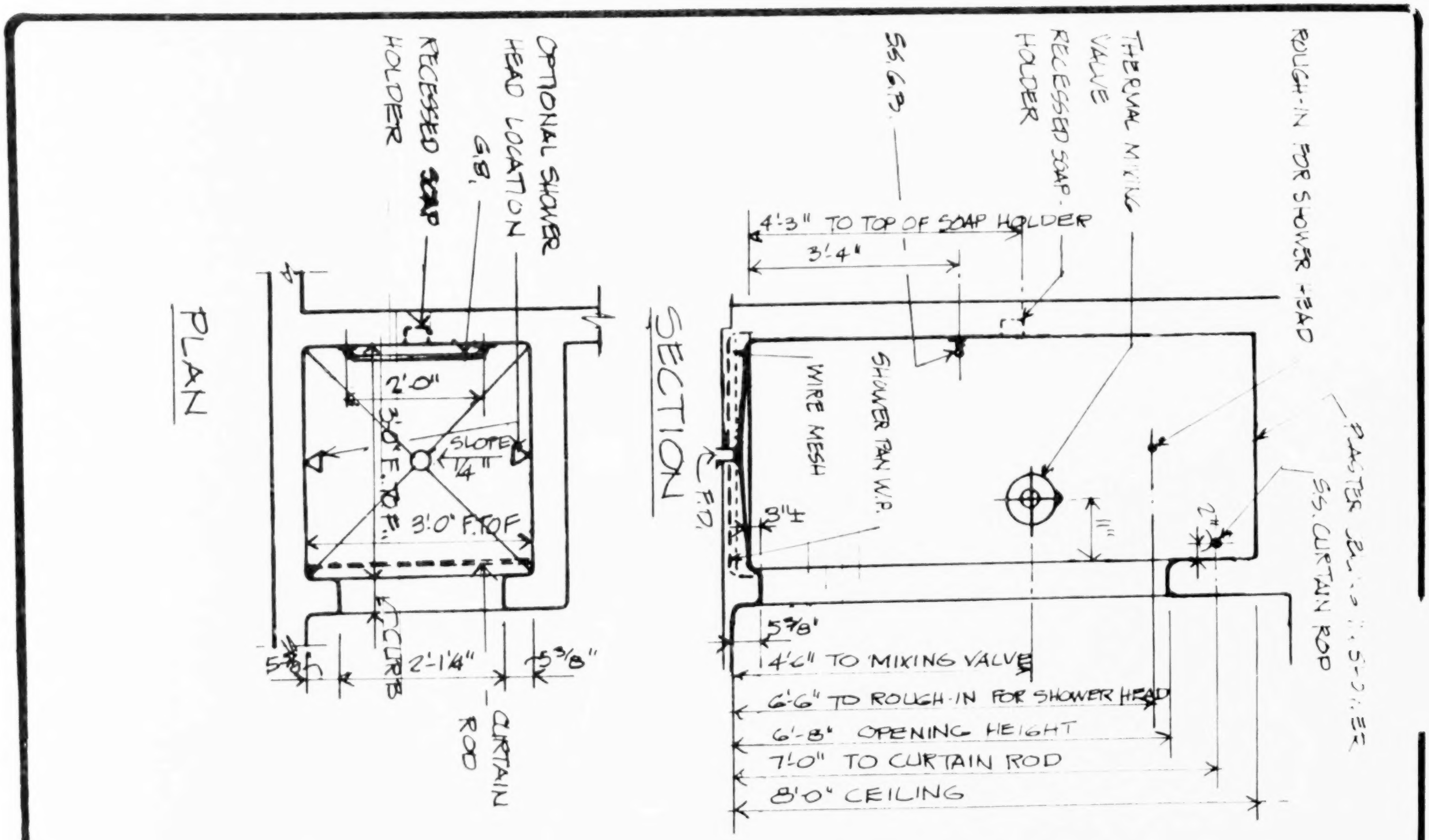
13.2

Title
SHOWER - PATIENT WHEEL CHAIR ACCESSIBLE.

Date Issued
1/5/89

Revision

Notes



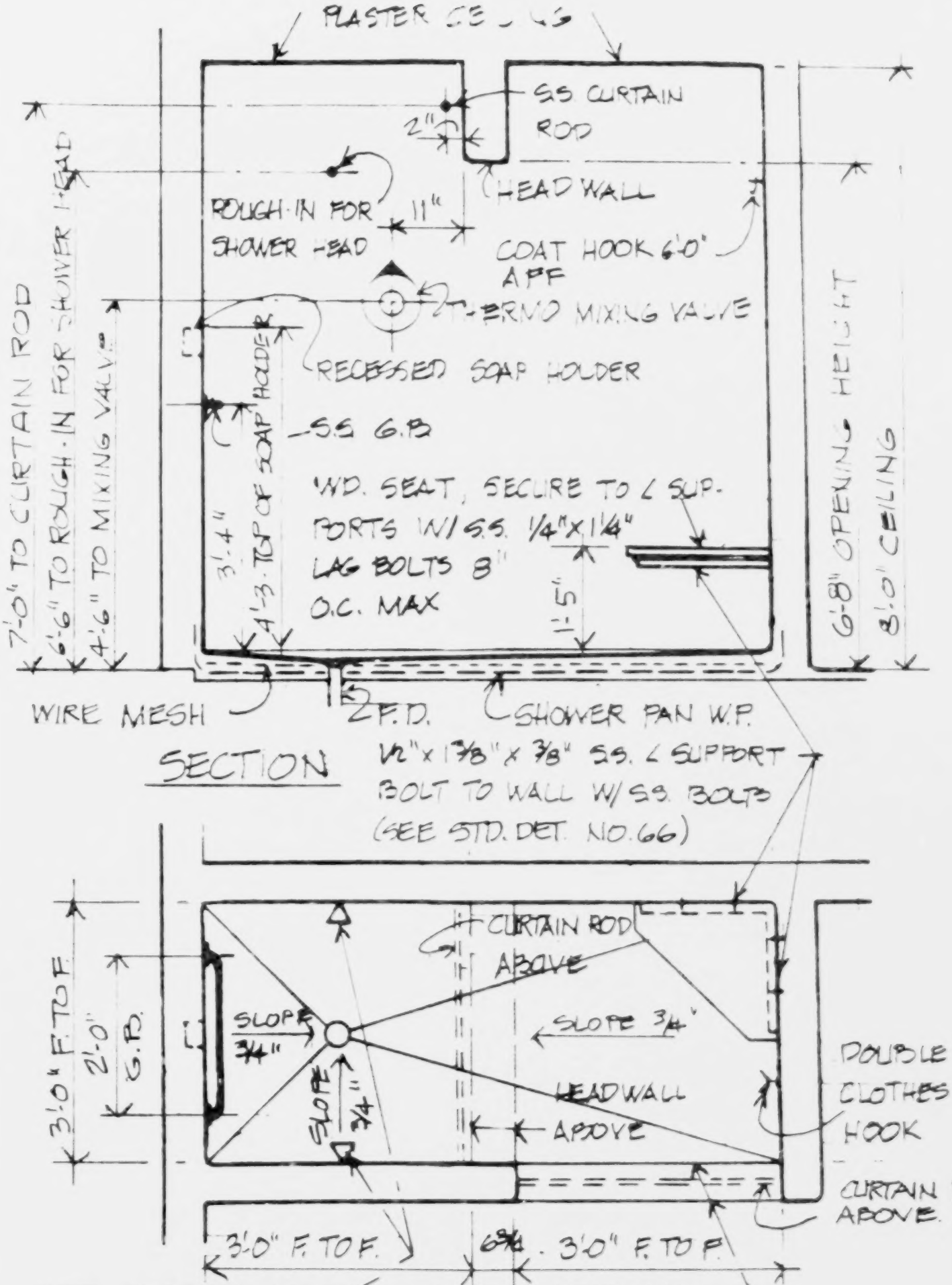
ROUGH-IN FOR SHOWER HEAD

Title
PERSONNEL SHOWER (SINGLE USE AREA)

Date Issued
1/30/79

Revision

Notes FOR NOTES SEE "PERSONNEL SHOWER (MULTIPLE USE AREA)"



SECTION

PLAN

Notes: 1. FL & WALL FIN SHALL BE CT. UNLESS OTHERWISE NOTED 2. SEE STD DET. 14B FOR GB 3. SEE STD DET. 13 FOR PATIENT SHOWER ADDITIONAL DETAILS.

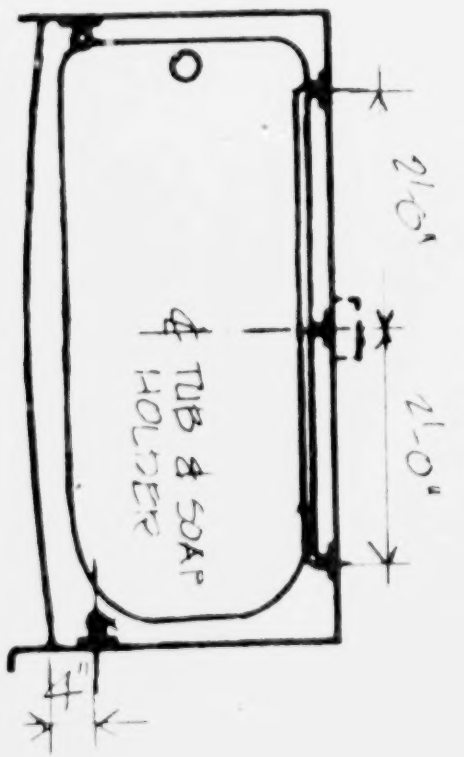
Date Issued 1/30/

Revisions

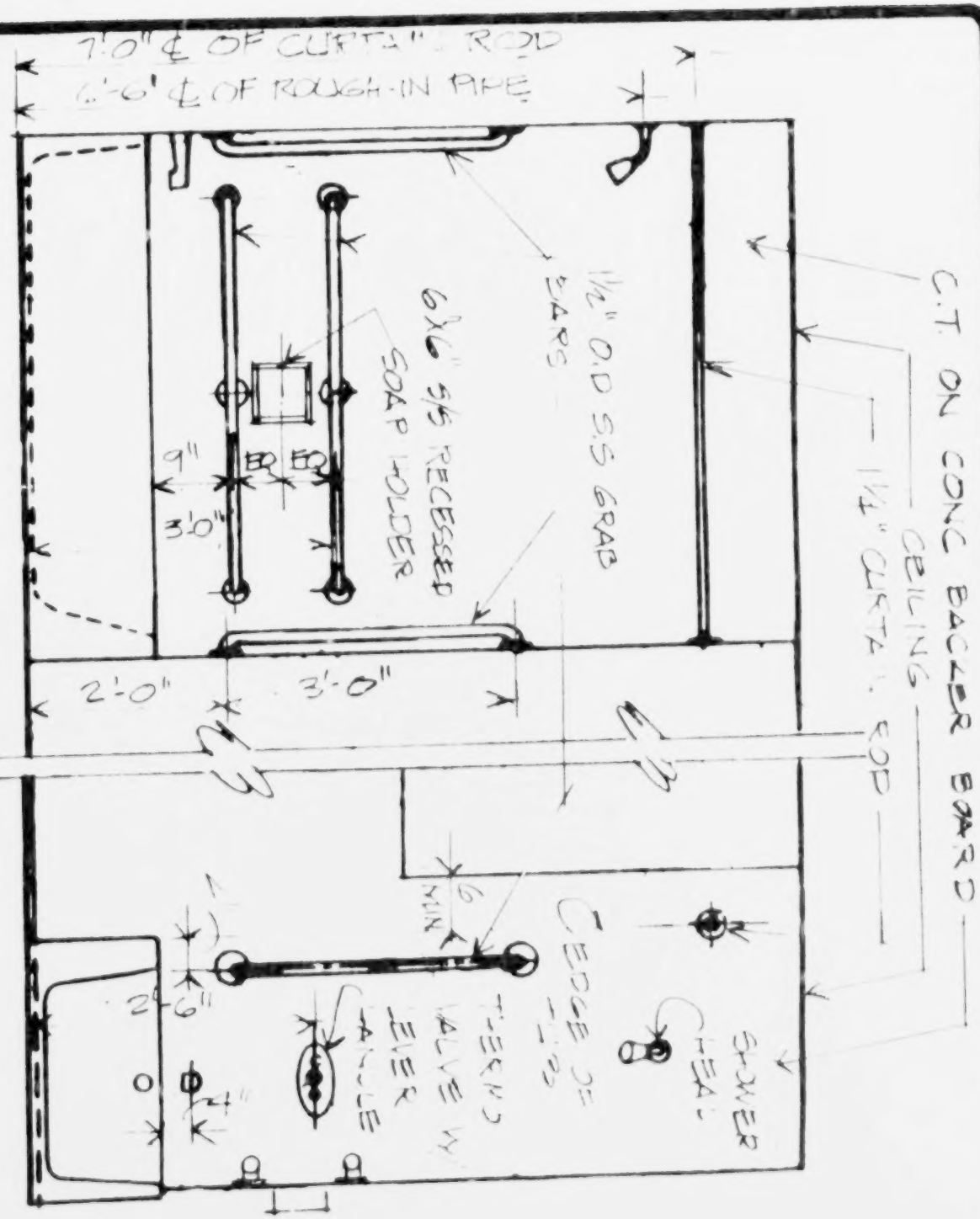
Title: PERSONNEL SHOWER (MULTIPLE USE AREA)

138

PLAN



ELEVATION



SECTION

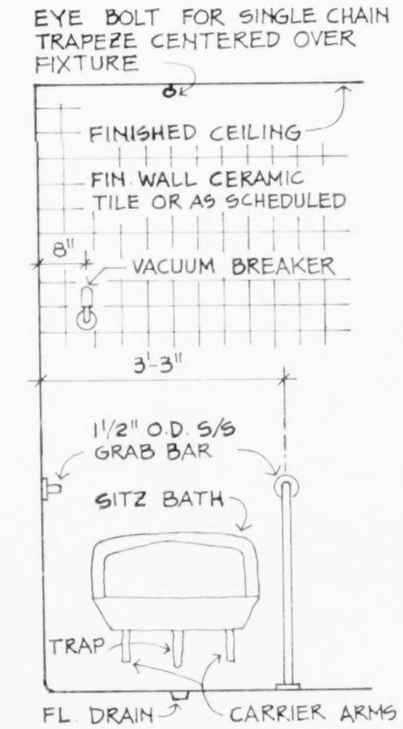
Title
GRAB BARS & CURTAIN ROD - RECESSED TUB

Date Issued
1/31/89

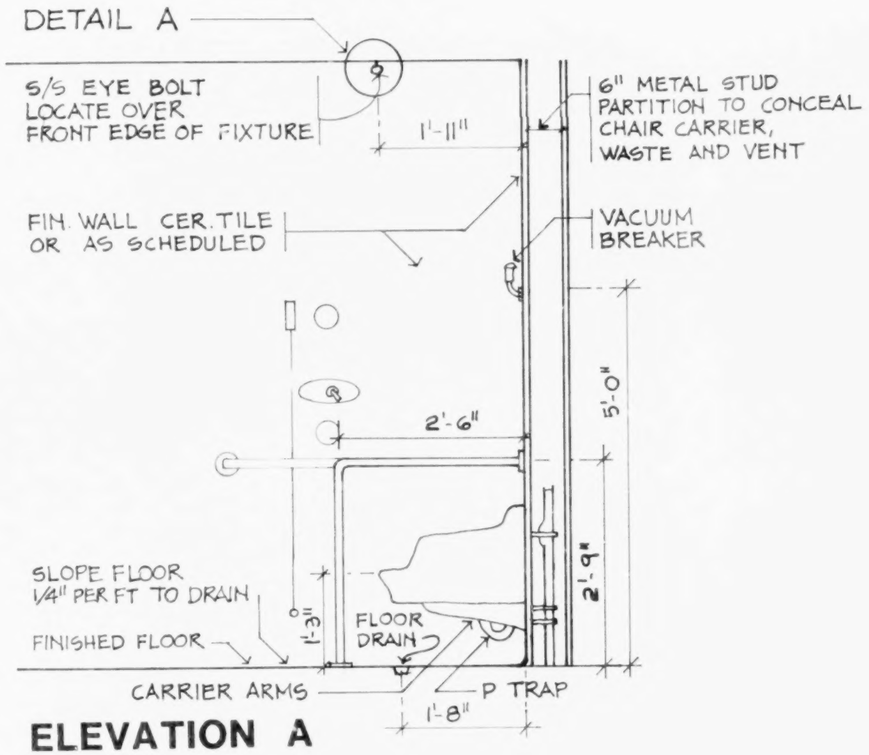
Revision

Notes
SEE STD DET # GB. & CURTAIN ROD CORNER TUB.

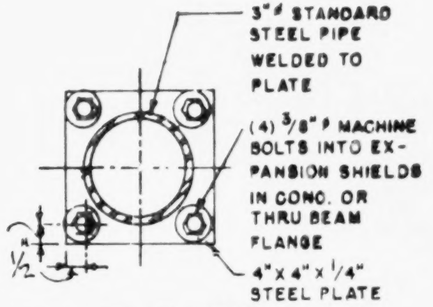
14



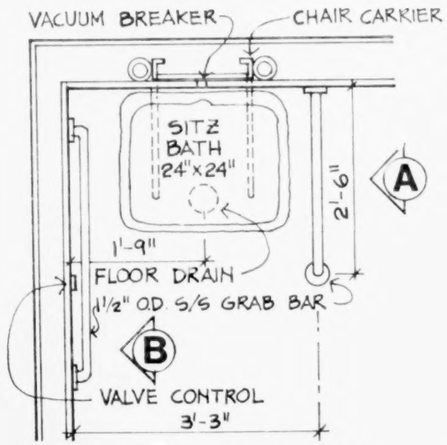
FRONT ELEVATION



ELEVATION A

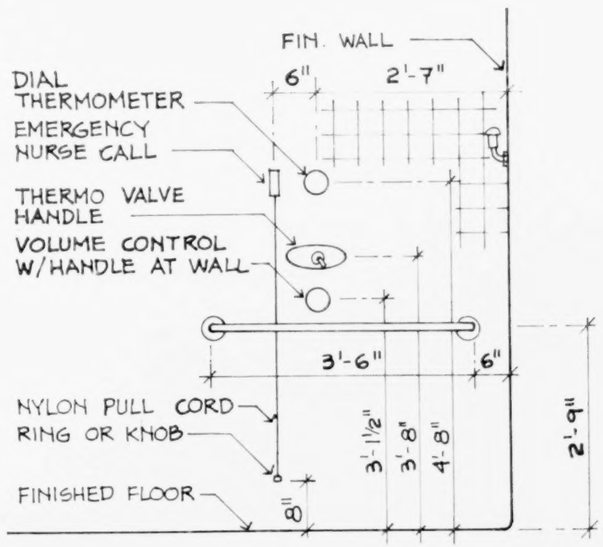


TOP PLATE REFLECTED PLAN

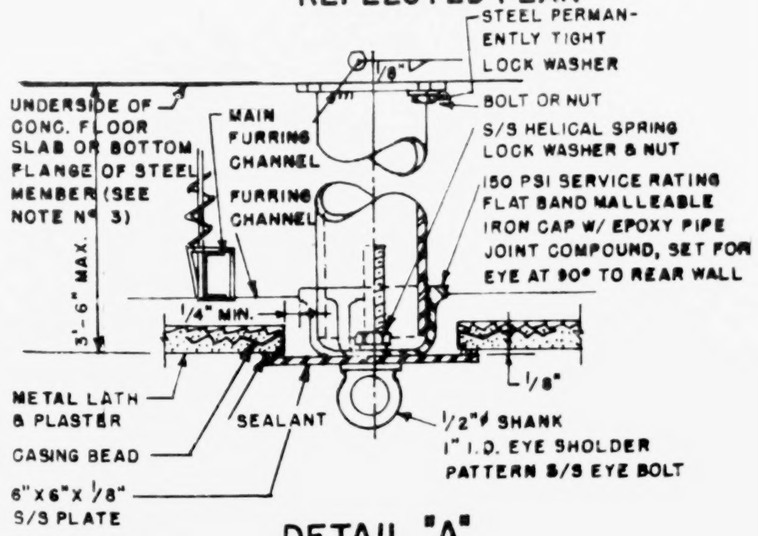


NOTE: SLOPE FLOOR TO DRAIN 1/4" PER FT. SEE FLOOR PLANS FOR EXTENT OF SLOPED AREA

PLAN



ELEVATION B



DETAIL "A" EYE BOLT SUPPORT

NOTES

1. SEE STANDARD DETAIL 14B FOR GRAB BAR ANCHORAGE.
2. FOR SPECIAL CONDITION REQUIRING FLOOR MOUNTING OF FIXTURE, OMIT CHAIR CARRIER AND ADD PEDESTAL FURNISHED BY MFGR OF BATH.
3. BEAM (4" MIN. FLANGE WIDTH) BETWEEN FLOOR DECK BEAMS OR ON TOP OF INTERSTITIAL FLOOR PURLINGS.

SCALE 0 1' 2' 1/2" = 1'-0"

SCALE 3" = 1'-0"

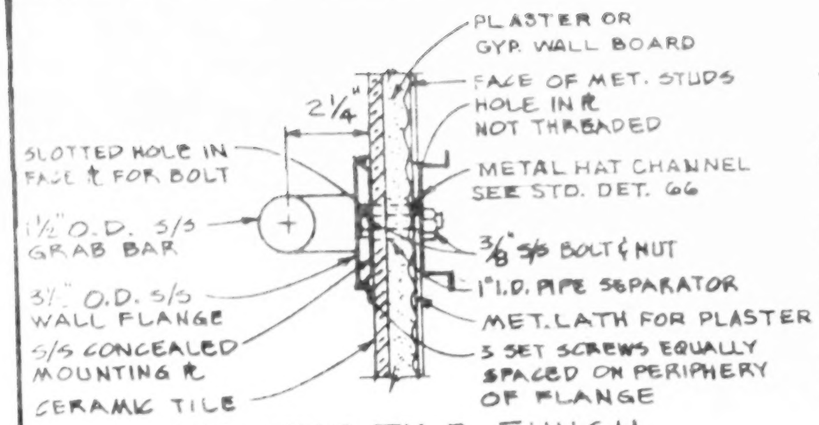
WALL MOUNTED SITZ BATH (PERINEAL BATH) WITH GRAB BARS

TITLE

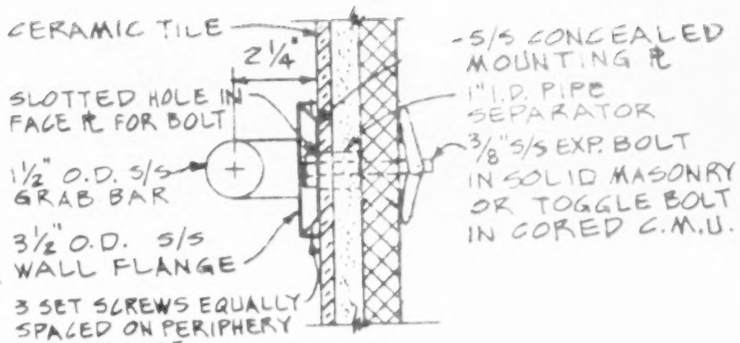
DATE ISSUED	REVISION
6/16/86	

14A

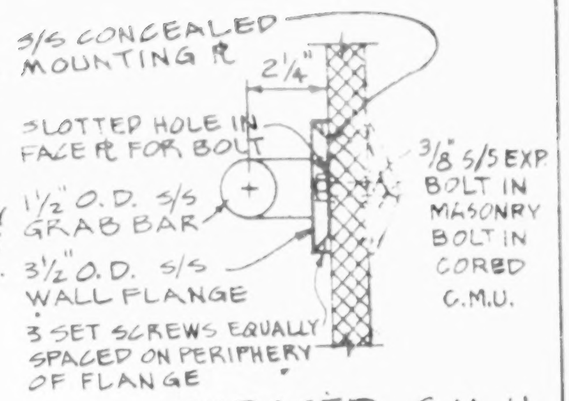
Veterans Administration STANDARD DETAIL



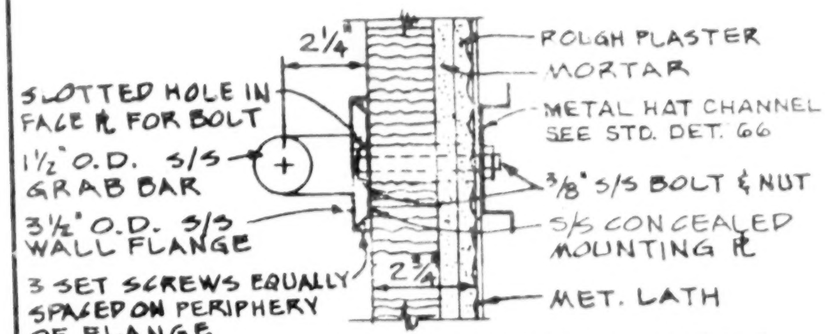
CERAMIC TILE FINISH ON METAL STUDS



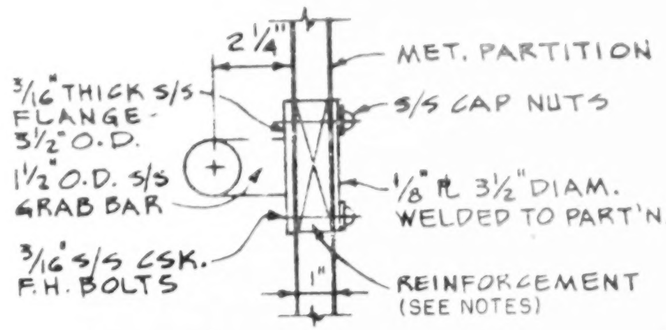
CERAMIC TILE FINISH ON MASONRY



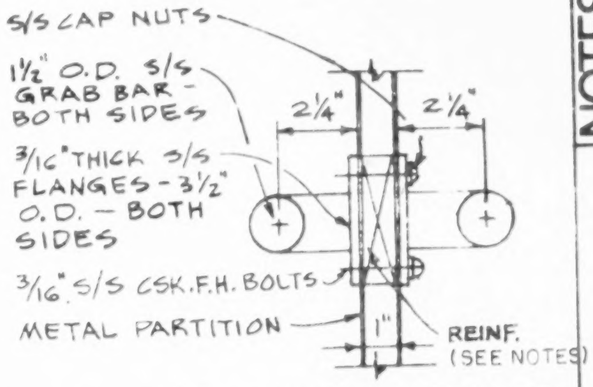
EXPOSED C.M.U.



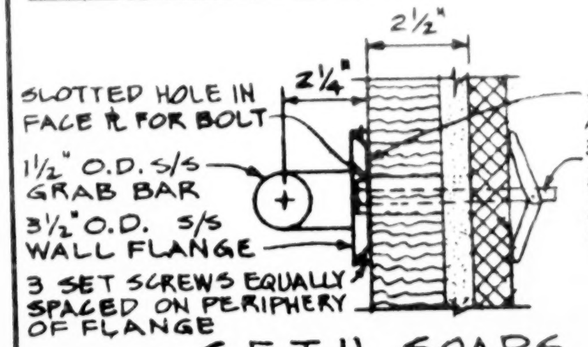
S.F.T.U. FINISH ON METAL STUDS



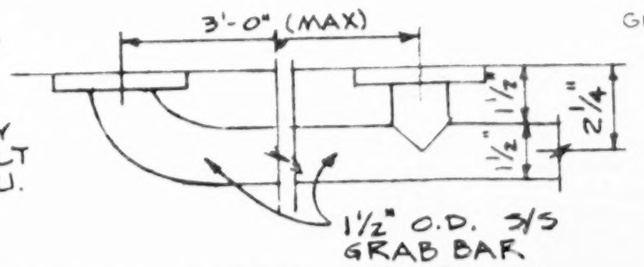
GRAB BAR ONE SIDE OF METAL TOILET PARTITION



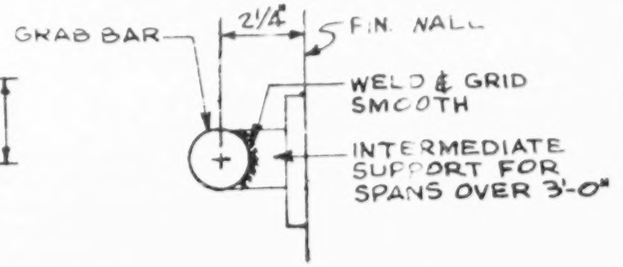
GRAB BAR EACH SIDE OF METAL TOILET PARTITION



S.F.T.U SOAPS ON C.M.U. PARTITION



TYPICAL RETURN AT WALL



TYPICAL INTERMEDIATE SUPPORT

NOTES

GRAB BARS SHALL BE THRU WELDED TO FLANGES. EXPOSED EDGE OF FLANGES SHALL BE SLIGHTLY ROUNDED.

Reinforcement for grab bars to be according to manufacture's recommendations.

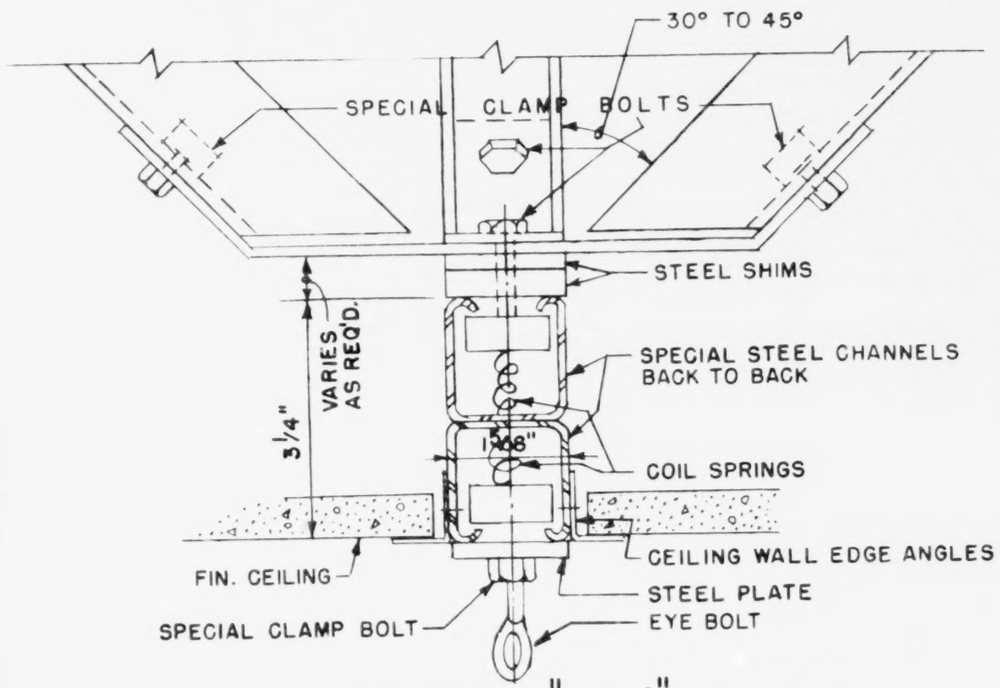
GRAB BAR ANCHORAGE

TITLE

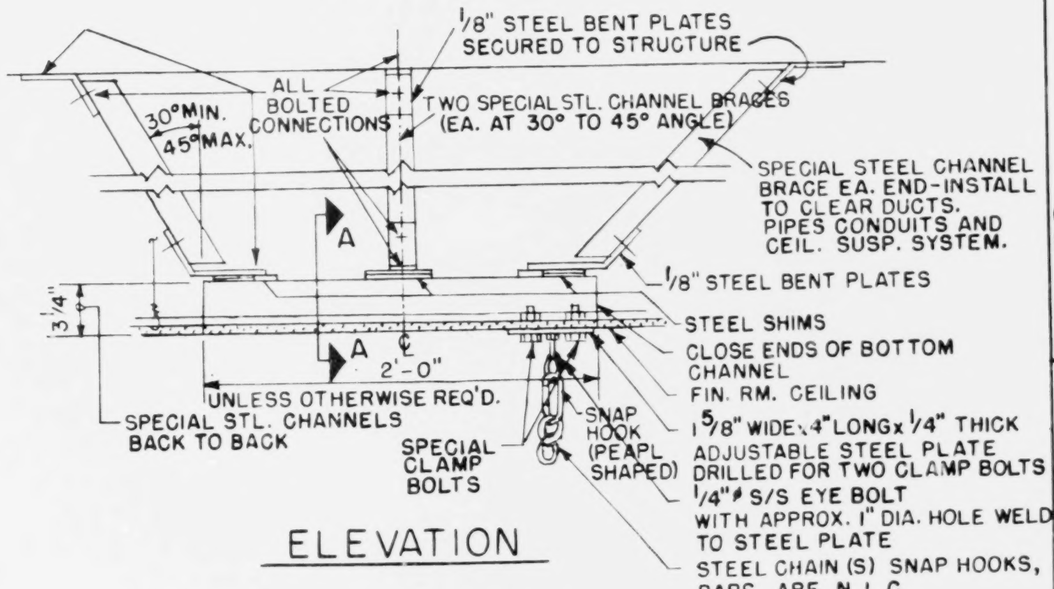
DATE ISSUED APRIL '80 REVISED

1A B

Veterans Administration STANDARD DETAIL



SECTION "A - A"



ELEVATION

NOTES

1. PRECISE LOCATION OF SUSPENSION TRACKS SHALL BE DETERMINED BY THE DEPARTMENT OF MEDICINE & SURGERY FOR EACH SPECIFIC PROJECT.

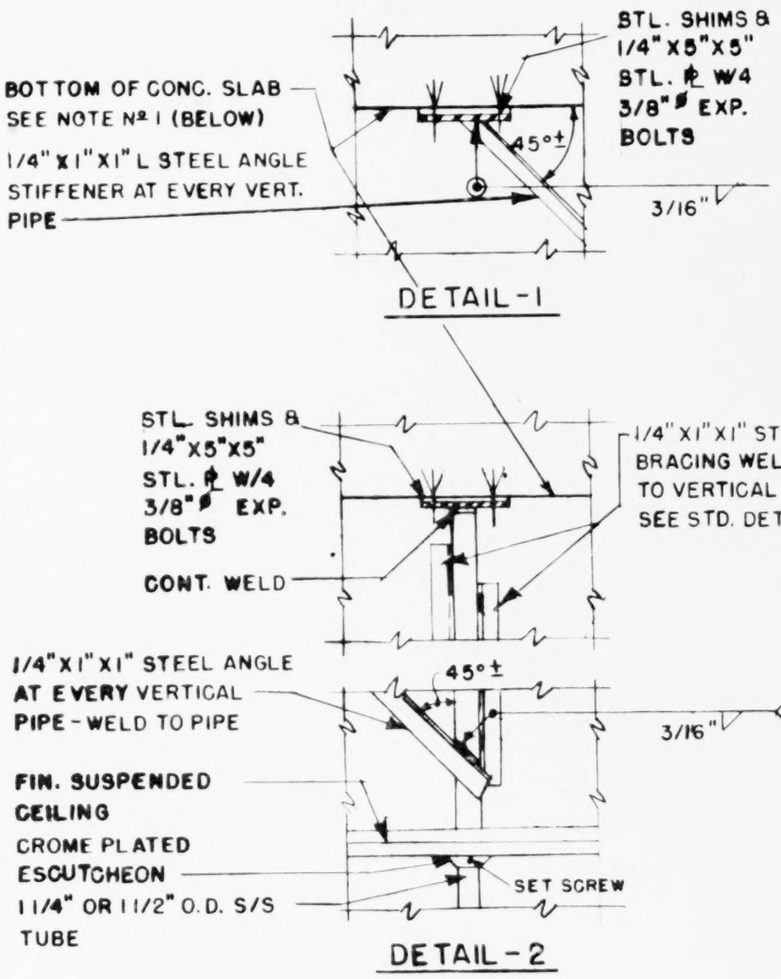
TRAPEZE, EXERCISE BAR & PATIENT HELPER SUSPENSION TRACK FOR SITZ BATH

TITLE

DATE ISSUED APR 80 | REVISION

14C

Veterans Administration STANDARD DETAIL

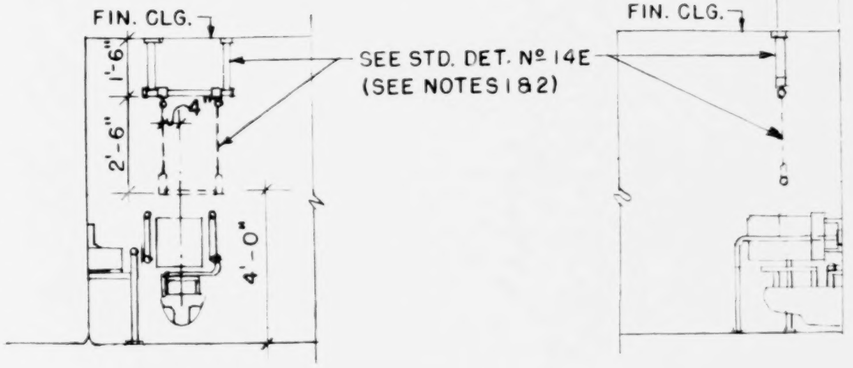


DETAIL-1

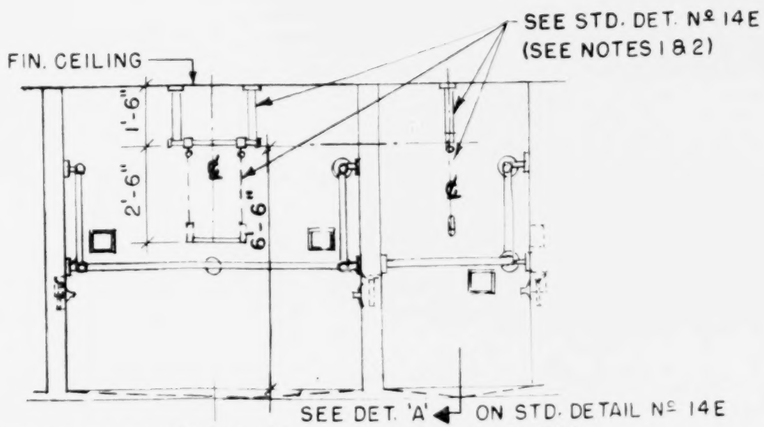
DETAIL-2

NOTES TO ARCHITECT

1. REVISE DETAIL NO. 1 IF SHOWING THE UNDERSIDE OF CONCRETE RIBS OR STEEL FRAMING.
2. THE A/E TO PROVIDE DETAILS OF SUPPORT WHERE "INTERSTITIAL SPACE" OCCUR.



S.C.I. SELF CARE WATER CLOSET



FRONT ELEVATION OF PATIENT LITTER SHOWER

FRONT ELEV. OF W/C SHOWER

SEE STD. DETAIL NO. 13

S.C.I. SHOWER

NOTES

1. FRAME BRACING TO BE FURNISHED AND INSTALLED BY CONTRACTOR.
2. TRAPEZE TO BE FURNISHED AND INSTALLED BY VETERANS ADMINISTRATION.

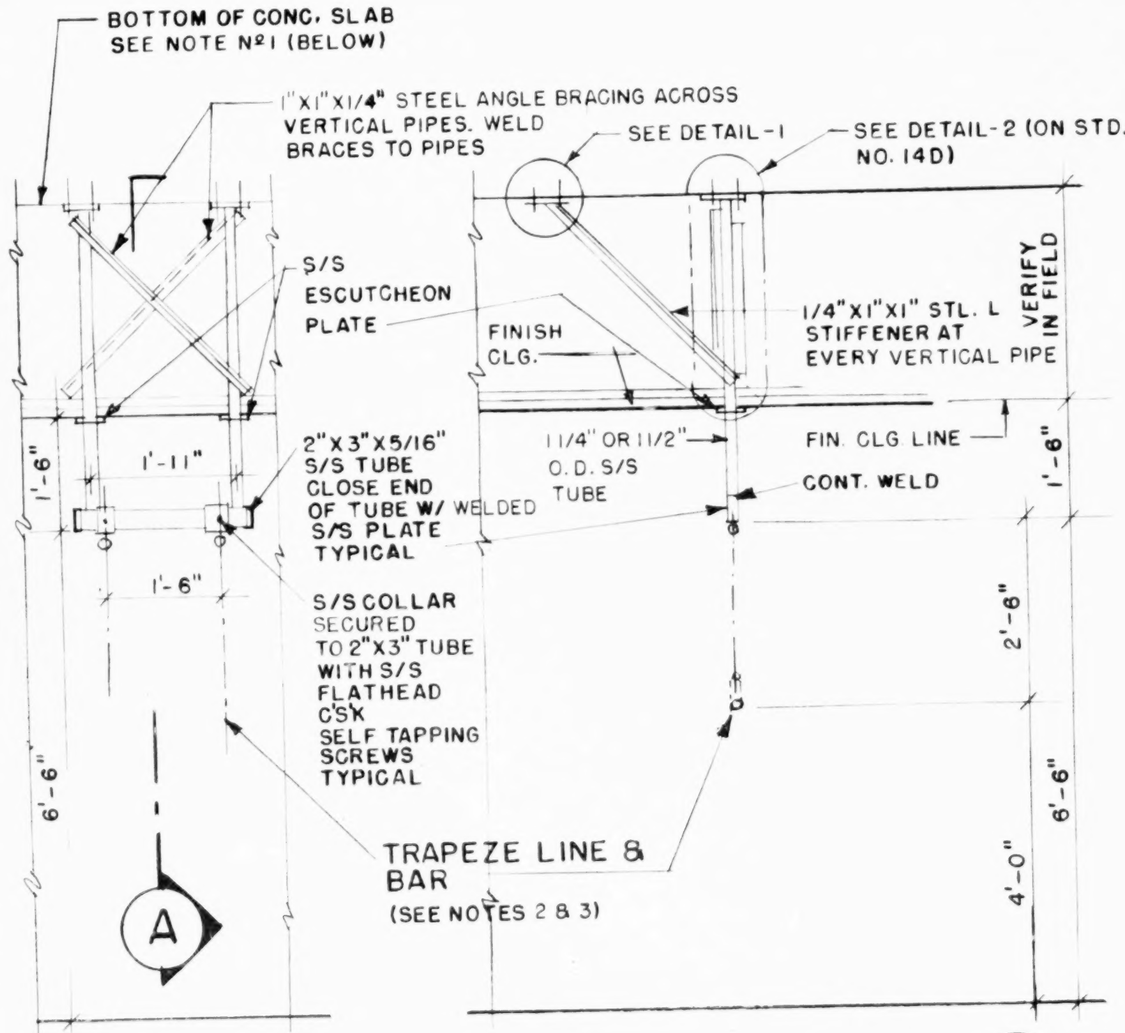
TRAPEZE ELEV. TYP. LOCATIONS & BRACING DETAILS

TITLE

DATE ISSUED DEC '79 REVISION 5/29/80

14D

Veterans Administration STANDARD DETAIL

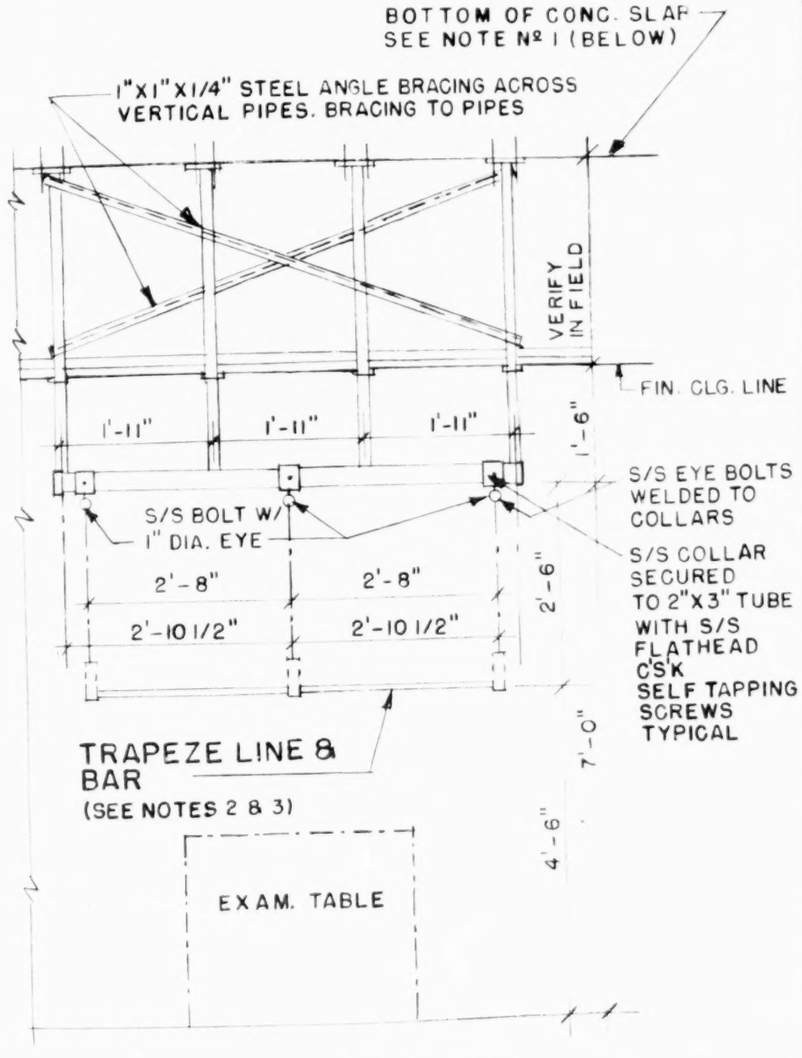


TYP. EL. OF TRAPEZE
AT SCI SHOWER ROOMS

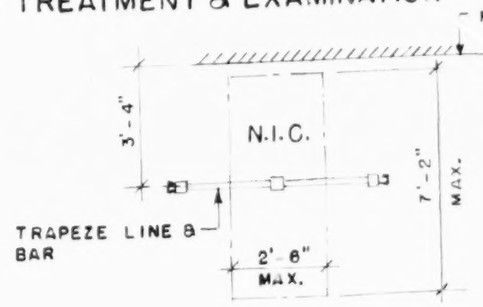
SIDE ELEVATION OF TRAPEZE (A)
AT S.C.I. SELF CARE TOILET

NOTES TO ARCHITECT
1. REVISE DETAIL TO SHOW THE UNDERSIDE OF CONCRETE RIBS OR STEEL FRAMING.
2. THE A/E TO PROVIDE DETAILS OF SUPPORT WHERE "INTERSTITIAL SPACE" OCCUR.

Deleted 7/7/1



TYP. EL. OF TRAPEZE
AT TREATMENT & EXAMINATION



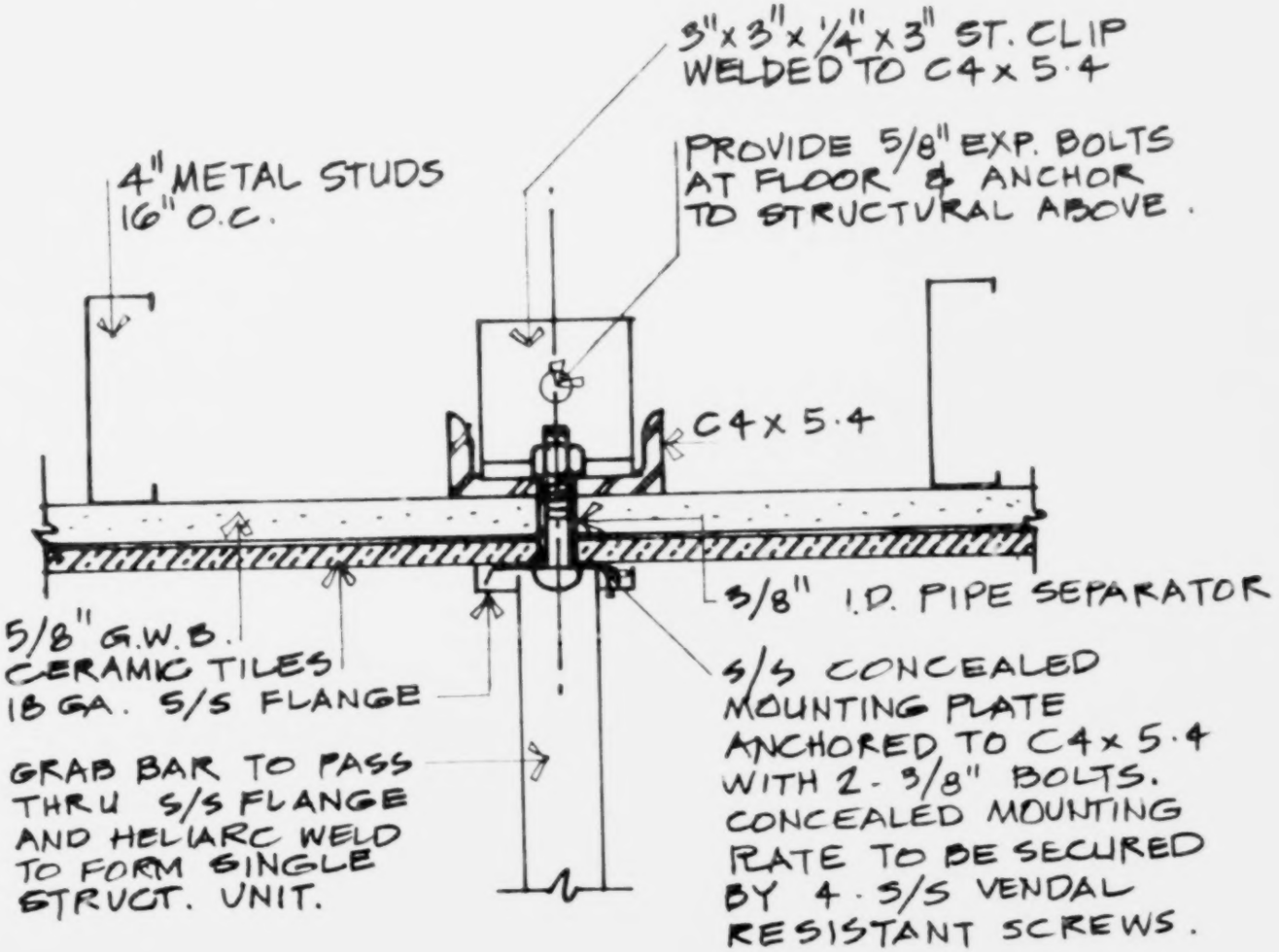
PLAN
EXAMINATION TABLE

NOTES
1. SEE 1/4" SCALE ELEVATIONS FOR LOCATING TRAPEZE.
2. FRAME BRACING TO BE FURNISHED AND INSTALLED BY CONTRACTOR.
3. TRAPEZE TO BE FURNISHED AND INSTALLED BY VETERANS ADMINISTRATION.

TITLE: TRAPEZE FRAMING ANCHORAGE & DIMENSIONS

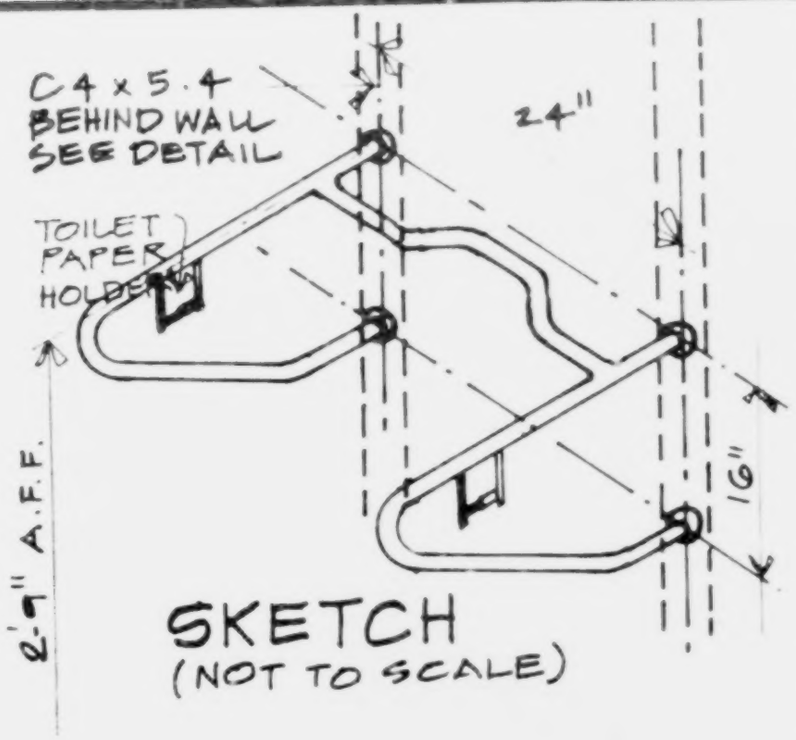
DATE ISSUED DEC. 79 | REVISION 5/22/80

14E
Veterans Administration STANDARD DETAIL

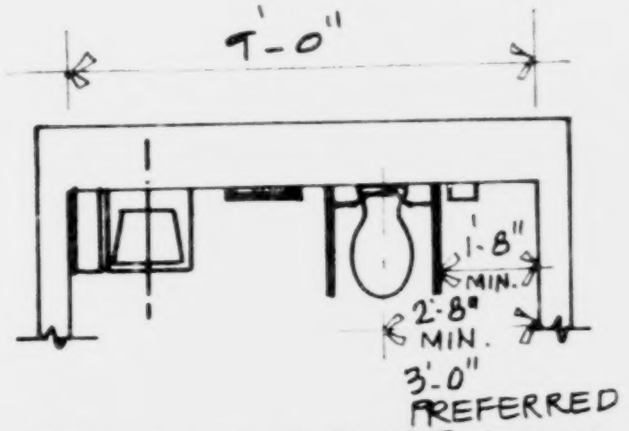


SCALE: 3"=1'-0"

PLAN



SKETCH
(NOT TO SCALE)



PLAN OF TOILET AREA SHOWING RELATIONSHIP TO FIXTURES

SCALE: 1/4"=1'-0"

Veterans Administration Standard Detail

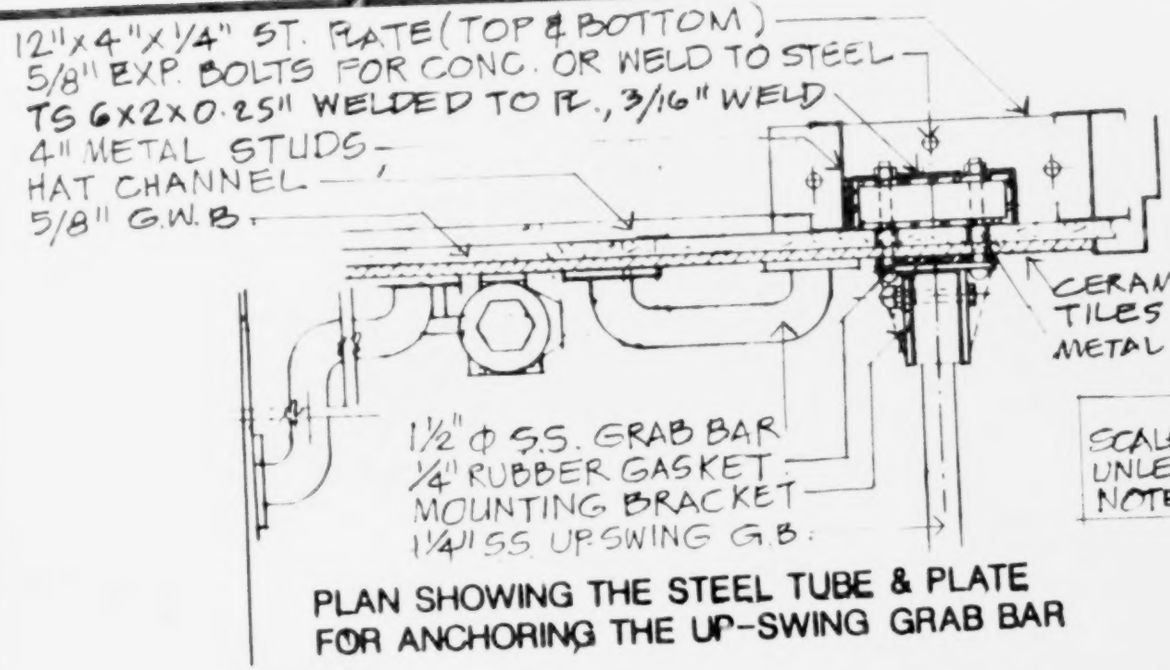
14

Title
STANDARD GRAB BAR FOR WATER CLOSET IN NURSING HOME

Date Issued
1/30/89

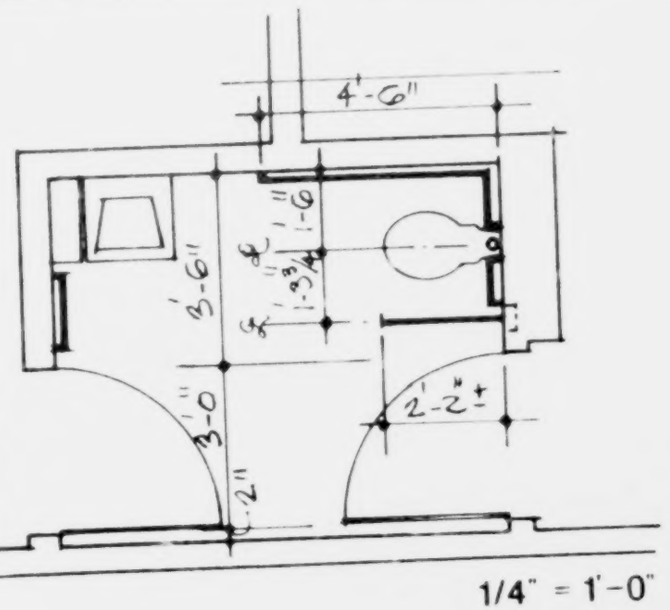
Revision

Notes



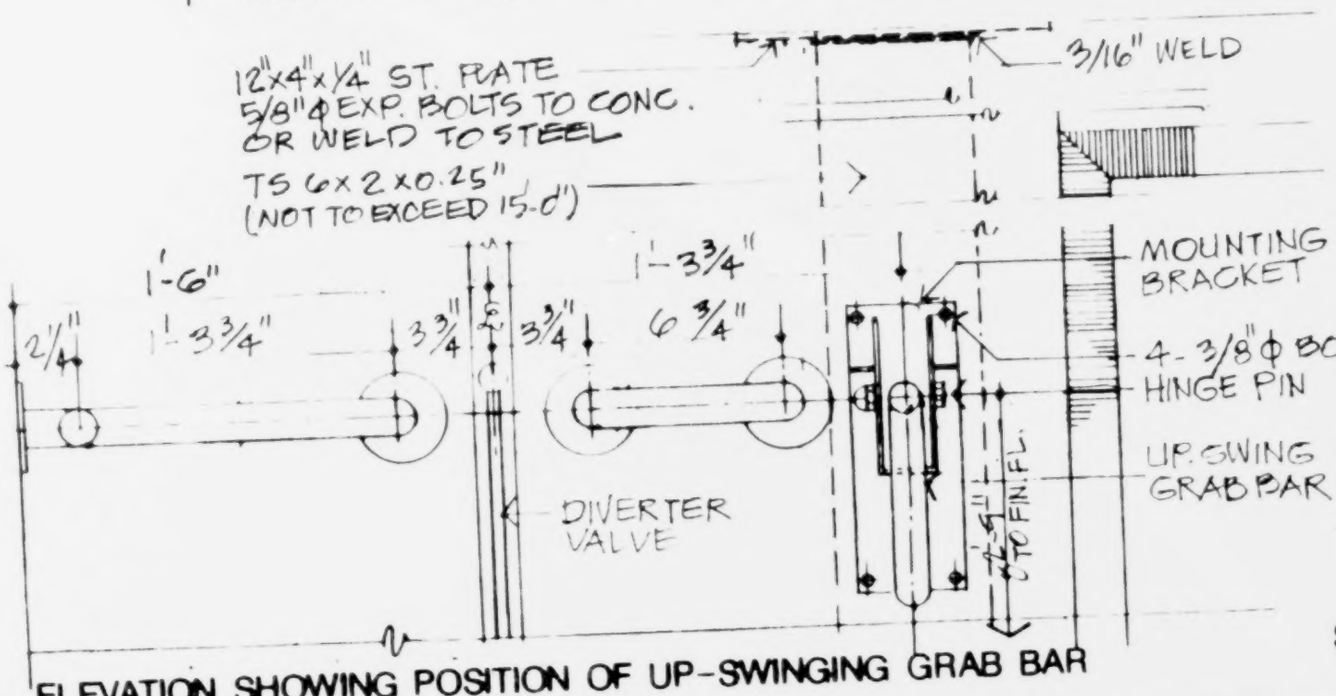
PLAN SHOWING THE STEEL TUBE & PLATE FOR ANCHORING THE UP-SWING GRAB BAR

SCALE: ½" = 1'-0" UNLESS OTHERWISE NOTED.

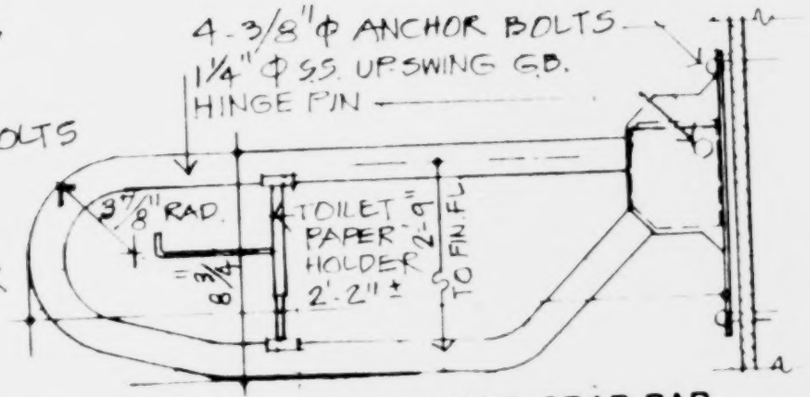


1/4" = 1'-0"

PLAN OF TOILET ROOM SHOWING RELATIONSHIP OF FIXTURES



ELEVATION SHOWING POSITION OF UP-SWINGING GRAB BAR



SIDE ELEVATION OF UP-SWING GRAB BAR

Veterans Administration Standard Detail

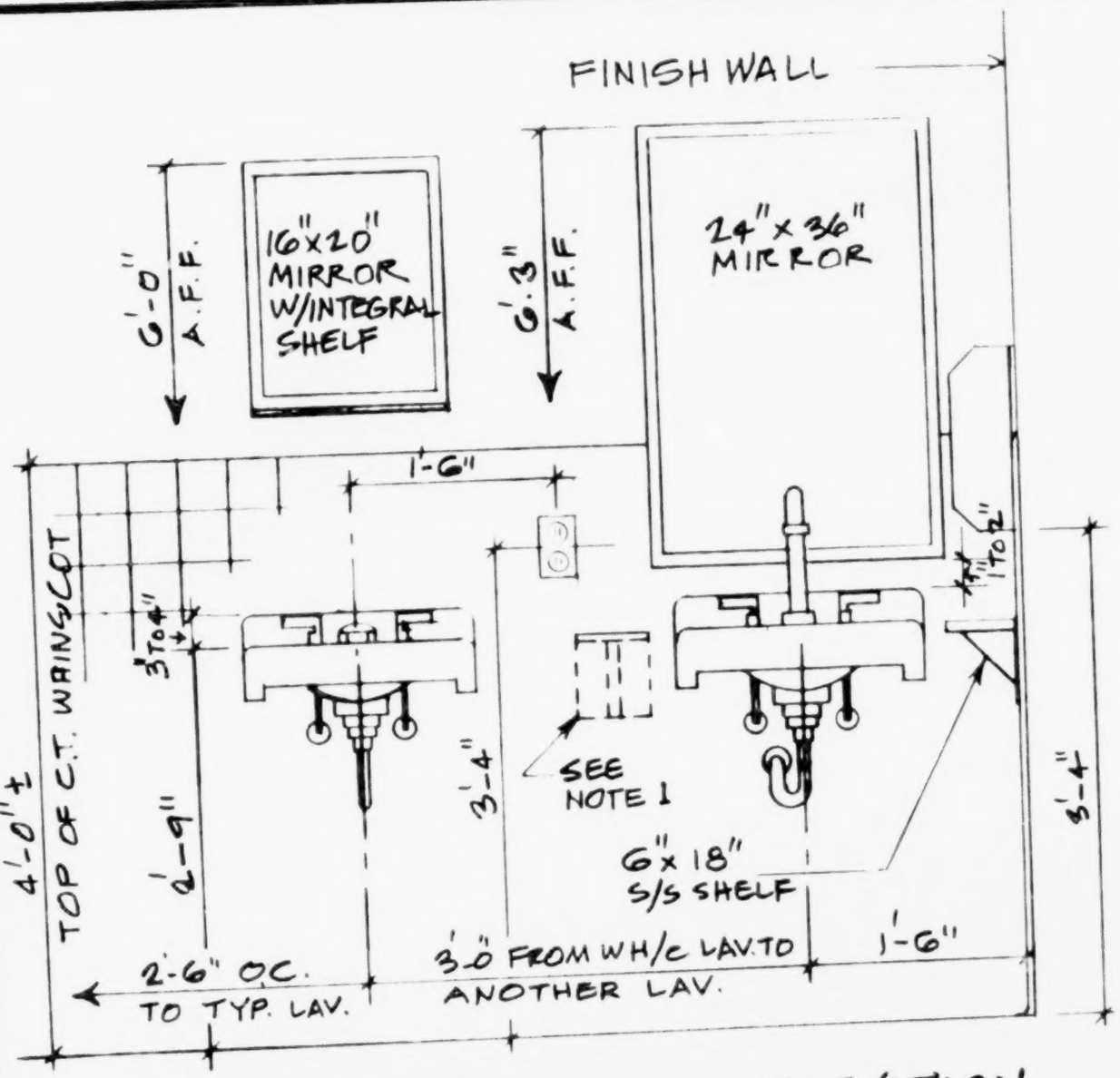
14G

Title
UP-SWINGING GRAB BAR FOR WATER CLOSET OF NURSING HOME

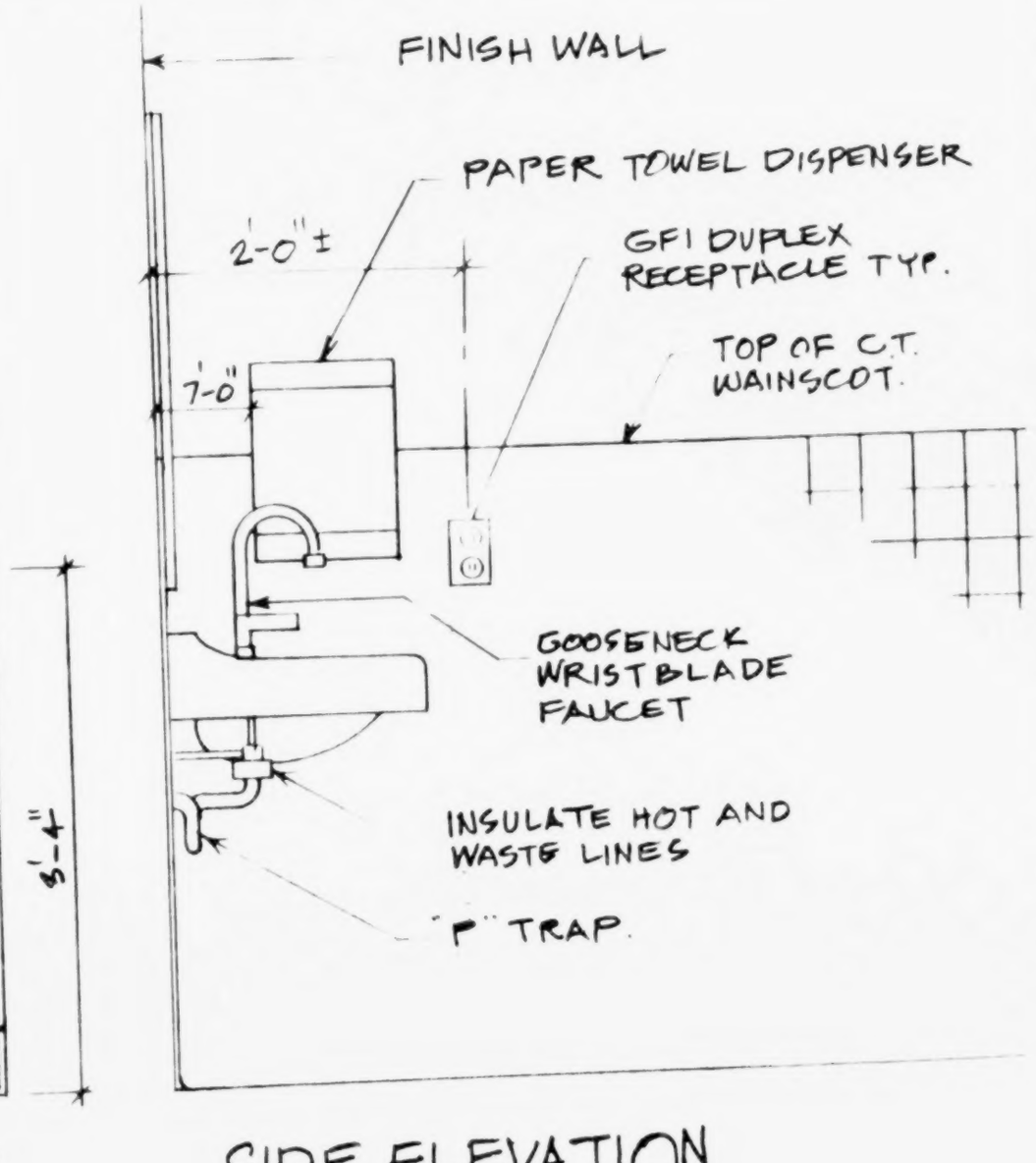
Date Issued

Revision

Notes



ELEVATION
TYPICAL LAV AND MIRROR.



ELEVATION
TYPICAL WH/C LAV AND MIRROR

SIDE ELEVATION
TYPICAL WH/C LAV AND MIRROR

SCALE 3/4" = 1'-0"

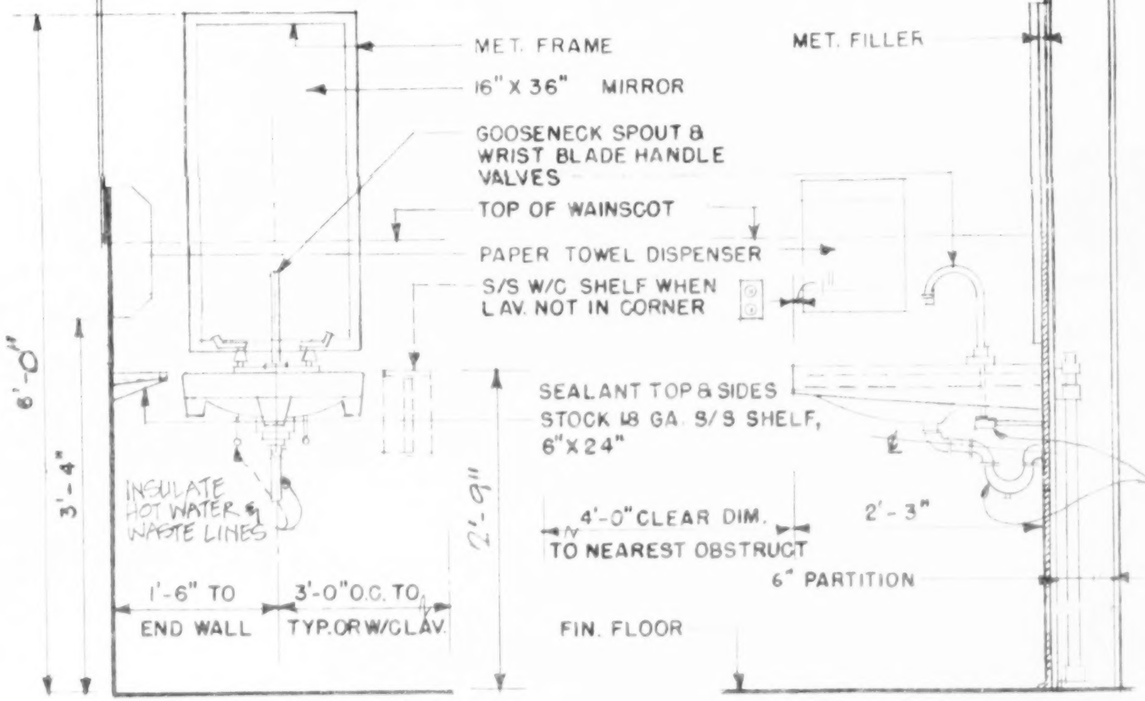
5

Title
LAVATORY - WHEELCHAIR AND STANDARD

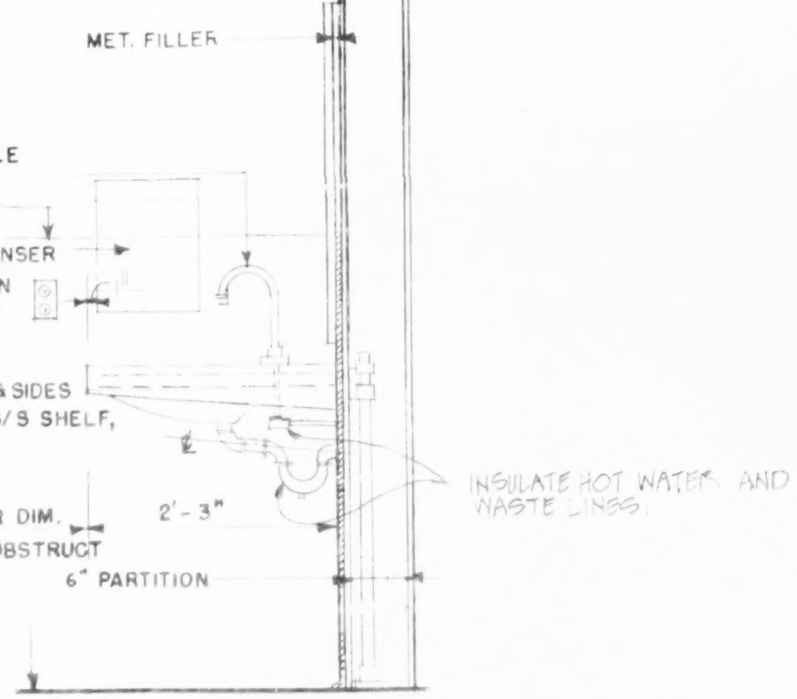
Date Issued
1/30

Revision

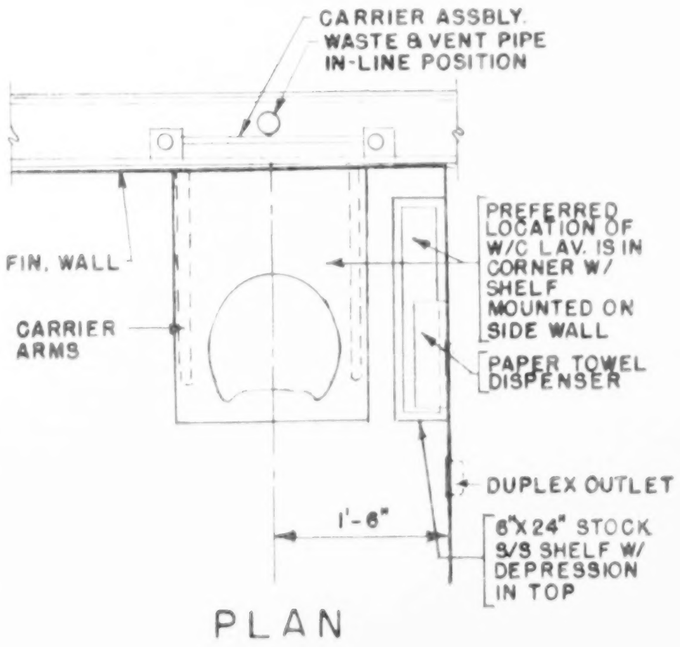
Notes
1. ALTERNATE LOCATION FOR SHELF WHEN WH/C LAV NOT LOCATED ADJACENT TO WING WALL.
2. SEE STD. DET. 15A FOR DETAIL OF SHELF & FILLER PLATE BEHIND LARGE MIRROR.



FRONT ELEVATION



SIDE ELEVATION



PLAN

Deleted 7/87

NOTES

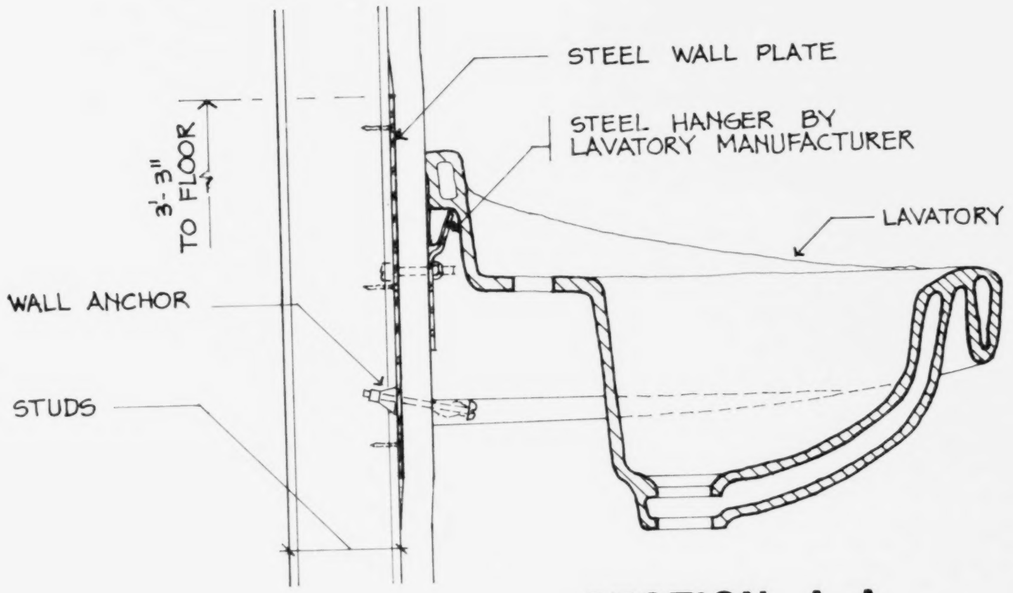
1. KEEP HOT & COLD WATER LINES & REQUIRED KEY STOPS ABOVE C OF WASTE.

WHEELCHAIR LAV. FOR SPINAL CORD INJURY UNITS

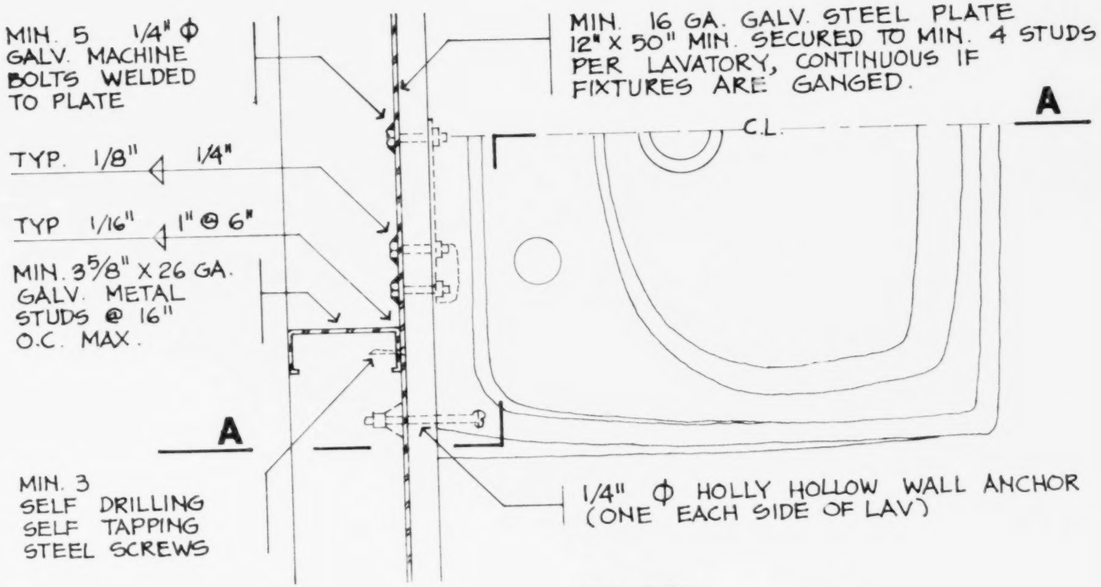
TITLE

DATE ISSUED Sept. '79 | REVISION June '82

15A Veterans Administration STANDARD DETAIL



SECTION A-A
NO SCALE



PLAN
NO SCALE

NOTE

AT LAVS WITH FOOT PEDAL CONTROLS PROVIDE AN ADDITIONAL 16 GA. GALV. STEEL PLATE 12" X 18" SECURED TO A MIN. OF 2 STUDS

NOTES

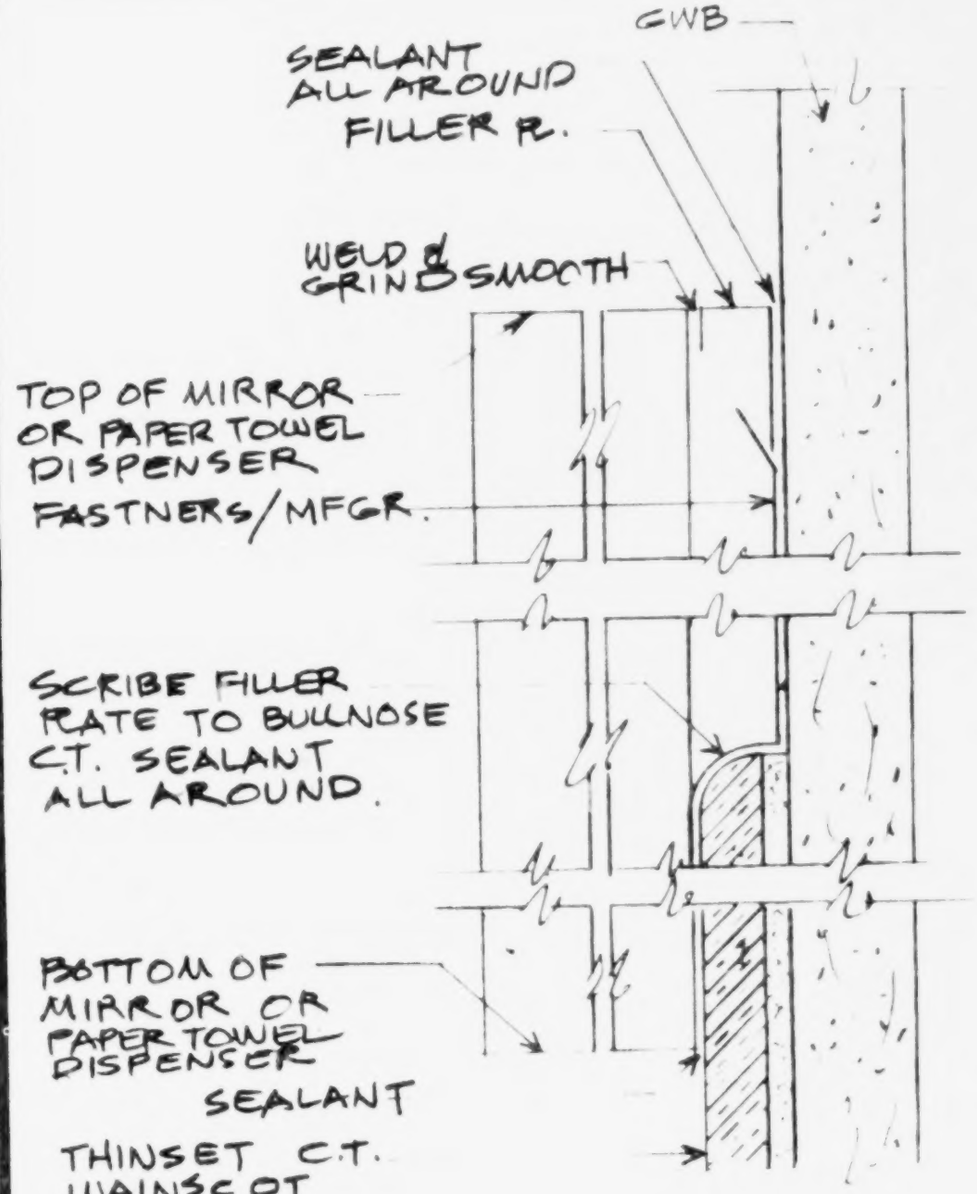
THIS SUPPORT IS TO BE USED FOR ALL 400 SERIES LAVS, EXCEPT P-410, P-412, & P-413, ON METAL STUD PARTITIONS.

TITLE: LAVATORY SUPPORT

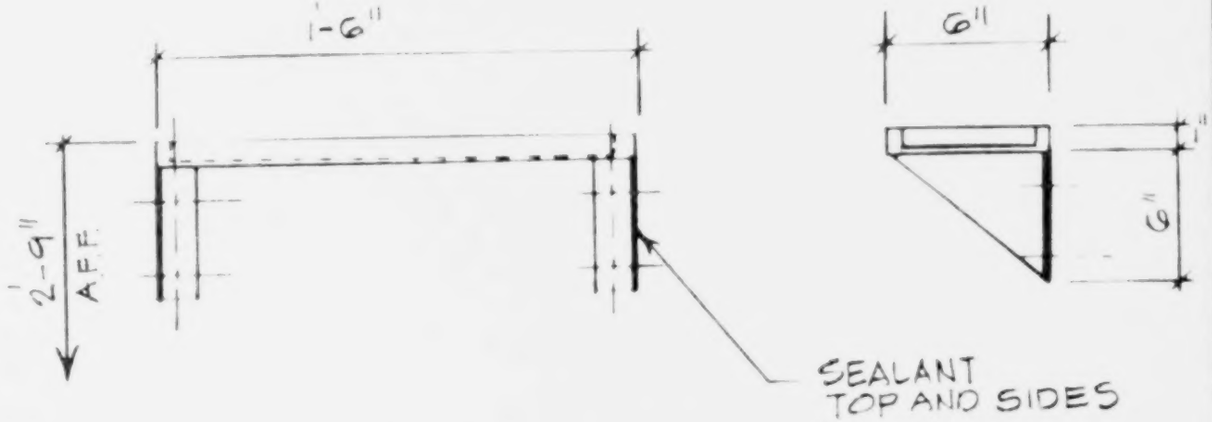
DATE ISSUED 6/16/86 | REVISION

15B

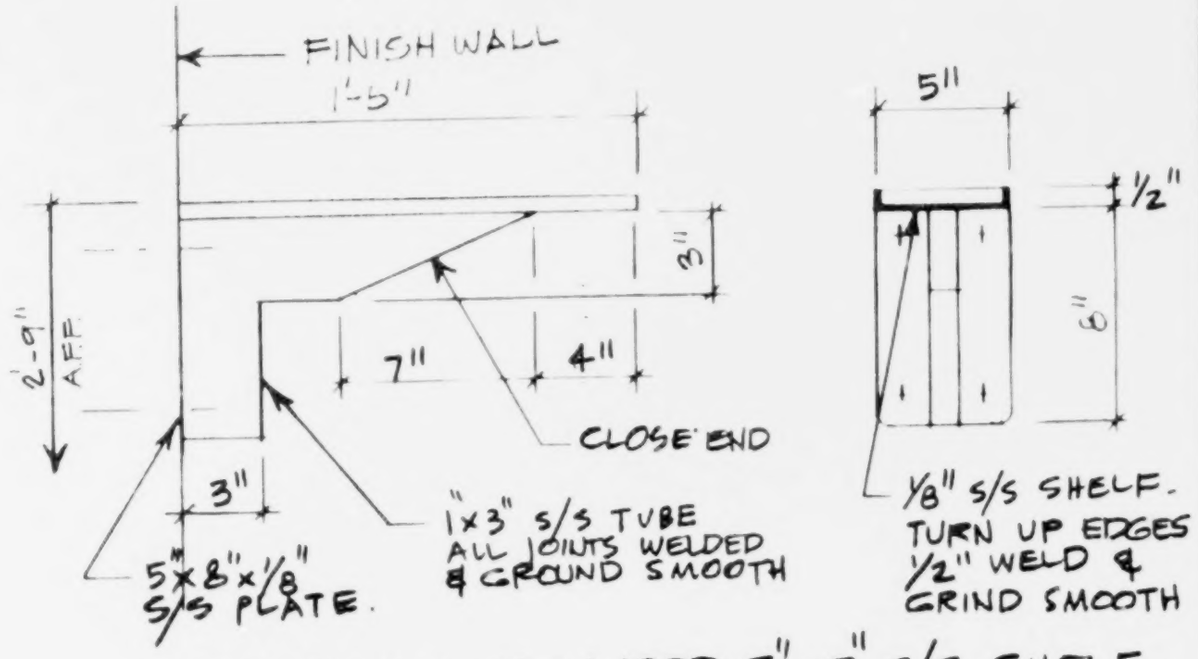
Veterans Administration STANDARD DETAIL



FULL SIZE DETAIL OF FILLER PLATE



SIDE-WALL-MOUNTED 6"x18" S/S SHELF
SCALE: 1½" = 1'-0"



BACK-WALL-MOUNTED 5"x17" S/S SHELF
SCALE: ½" = 1'-0"

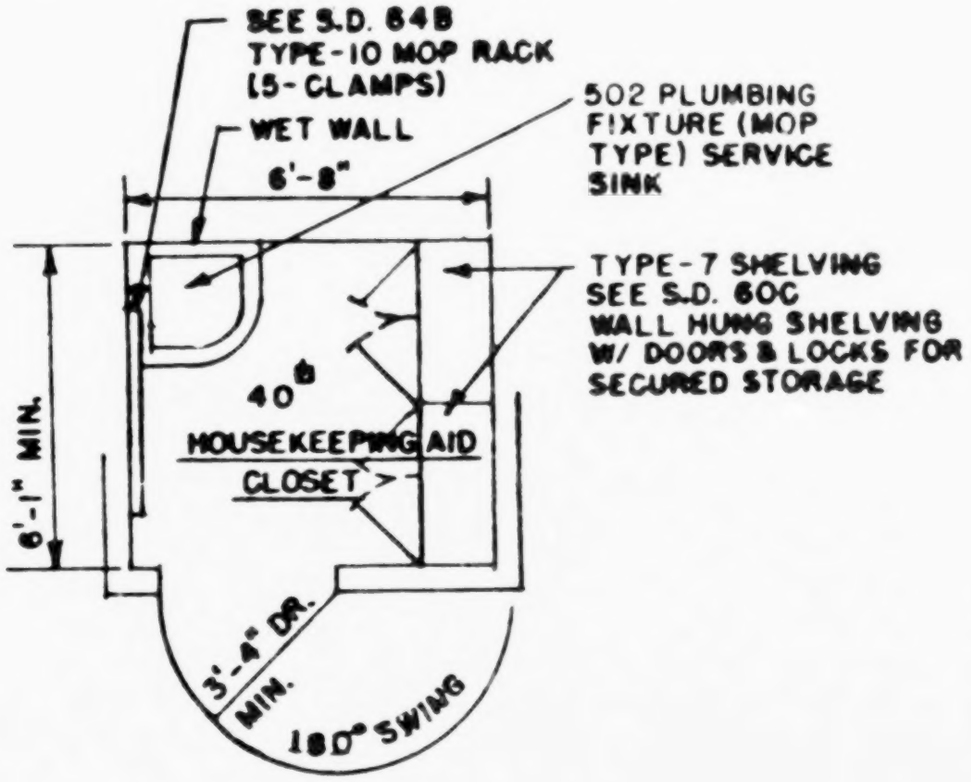
15.1

Title
LAVATORY DETAILS
WHEELCHAIR & STANDARD.

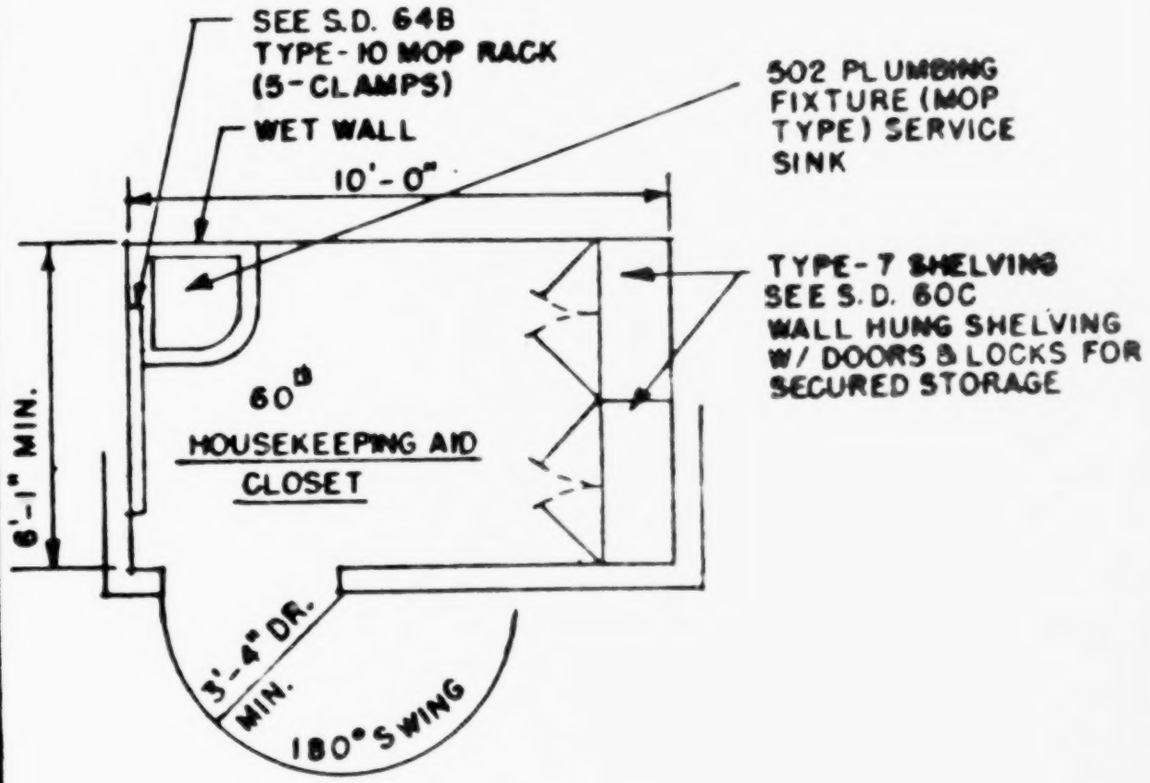
Date Issued
1/31/89

Revision

Notes



PLAN



PLAN

NOTES

NOTE TO ARCHITECT

ARCHITECT SHALL FULLY DETAIL CONSTRUCTION FOR EACH INDIVIDUAL PROJECT.

HOUSEKEEPING AID CLOSET

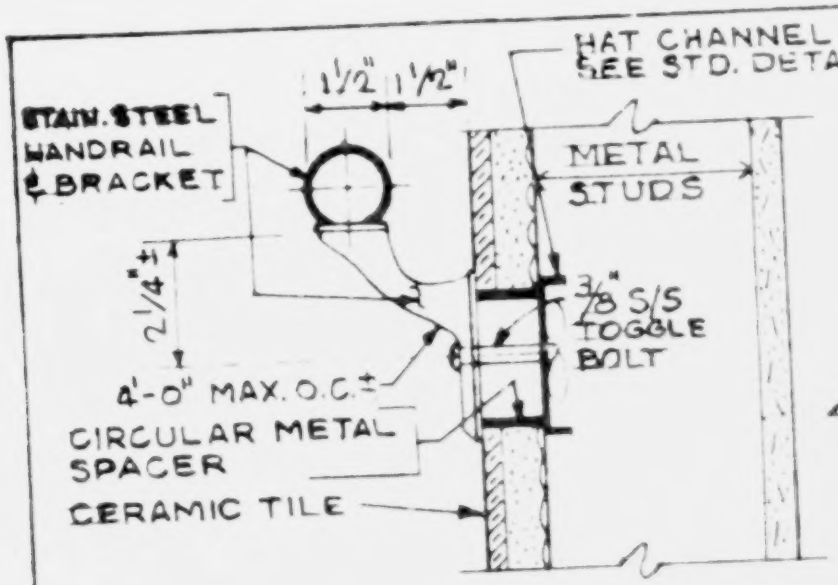
TITLE

DATE ISSUED JAN. 80

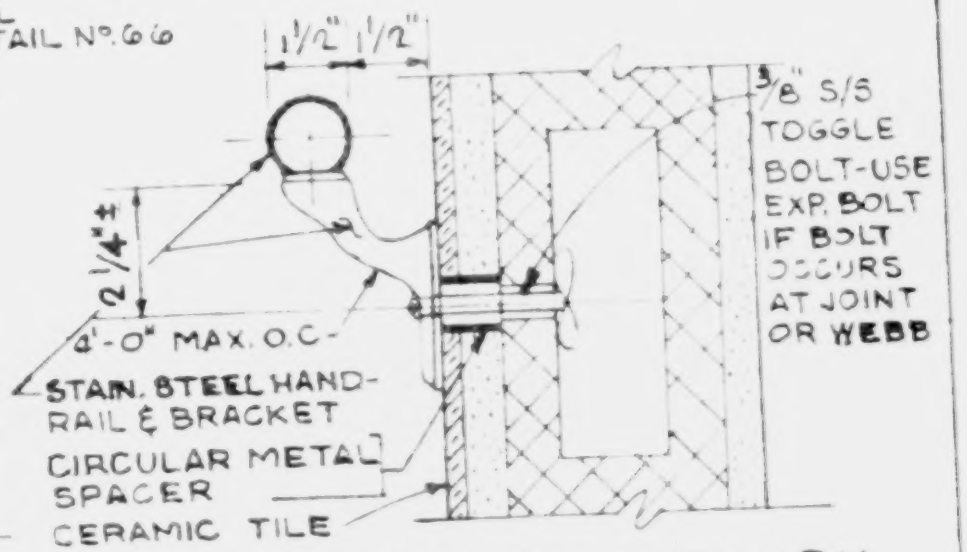
REVISION 12/1/80

18

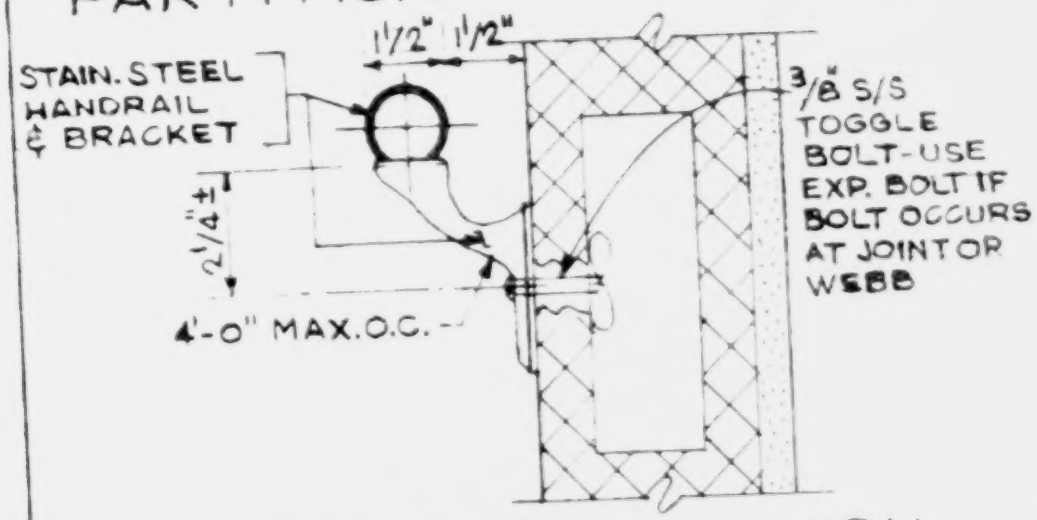
Veterans Administration STANDARD DETAIL



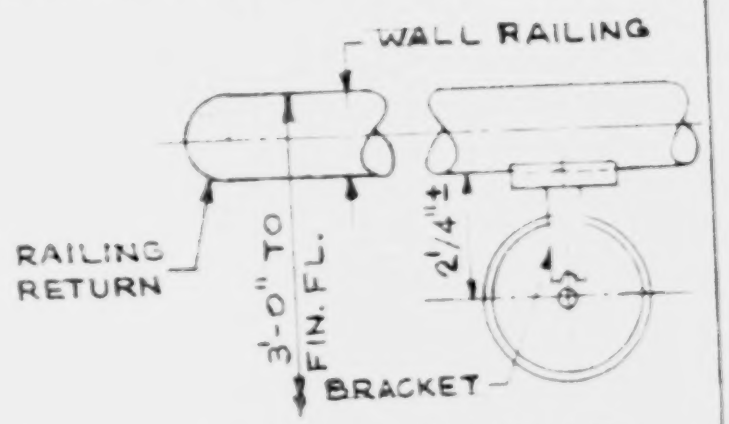
CERAMIC TILE FINISH ON METAL STUD PARTITION



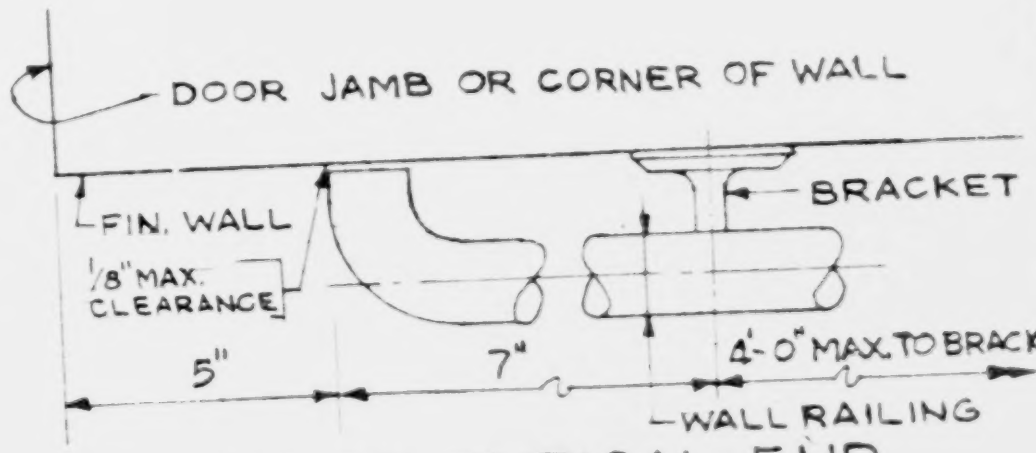
CERAMIC TILE FINISH ON MASONRY PARTITION



C.M.U. EXPOSED FINISH



ELEVATION OF END OF RAIL AND BRACKET



PLAN OF TYPICAL END

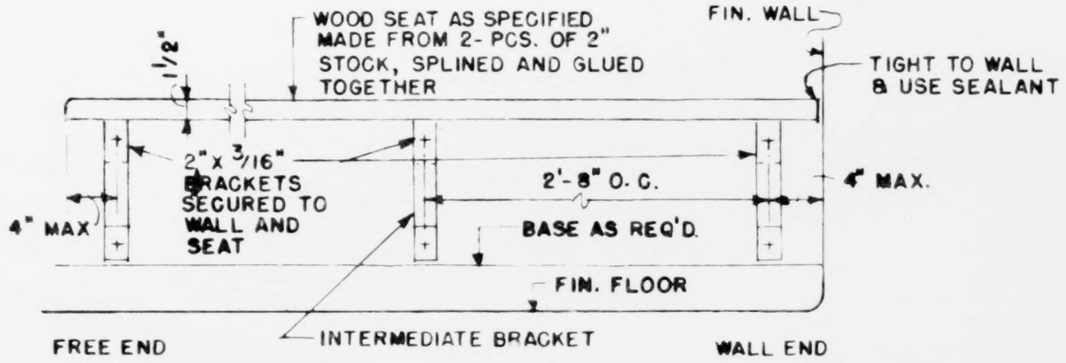
NOTE:
1. BRACKETS FOR STAIN. STEEL RAILING SHALL BE SPACED AT 4'-0" MAXIMUM O.C.
2. SEE PLANS FOR LOCATION OF WALL RAILING.
3. PROVIDE PROPER METAL SPACERS AND TOGGLE BOLTS OR EXPANSION BOLTS WHERE APPLICABLE.
4. FOR THERAPEUTIC POOL DETAILS, SEE STD. DETAIL Nº 47.

RAILING AT WALLS OF THERAPEUTIC POOL EXERCISE ROOM

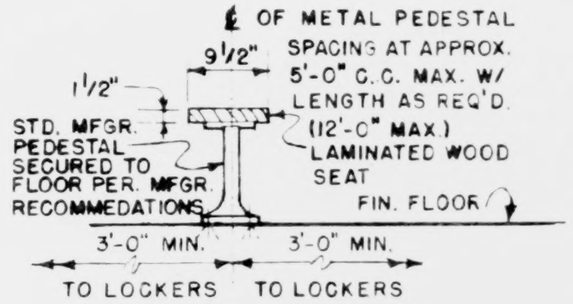
JAN.'76

19A

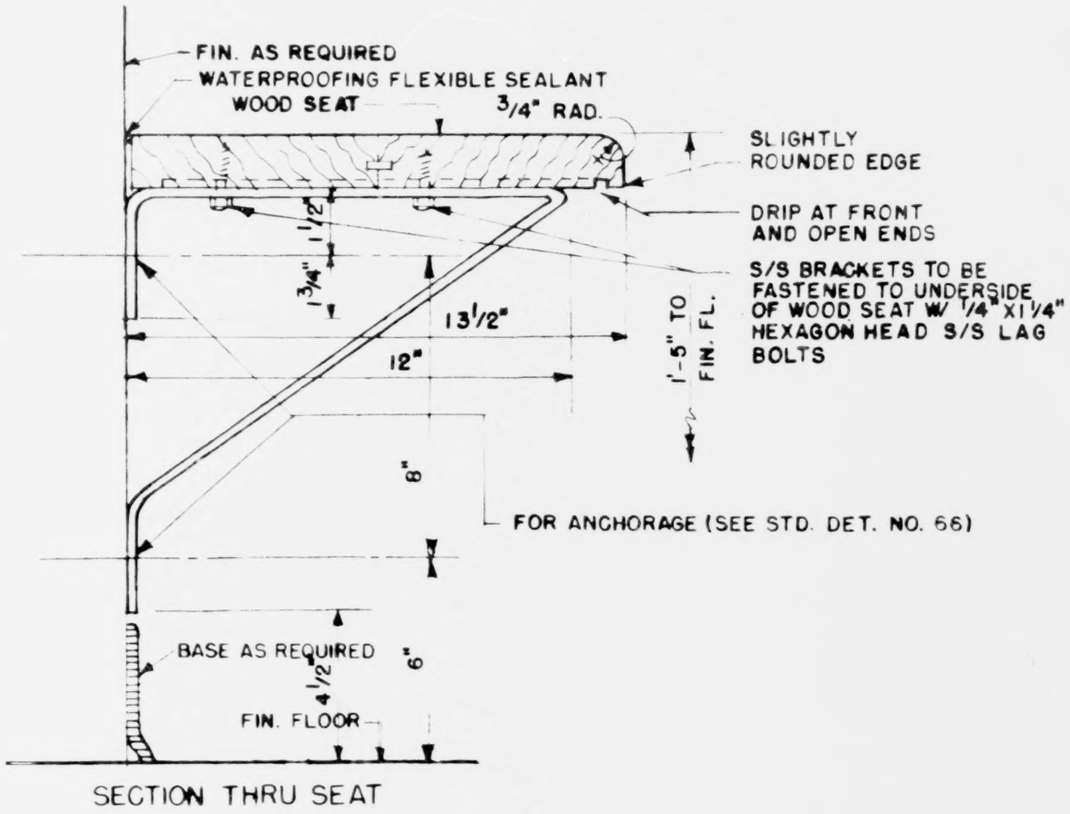
VA ARCHITECTURAL STANDARD DETAIL



ELEVATION OF WALL SEAT



FREE STANDING BENCH



SECTION THRU SEAT

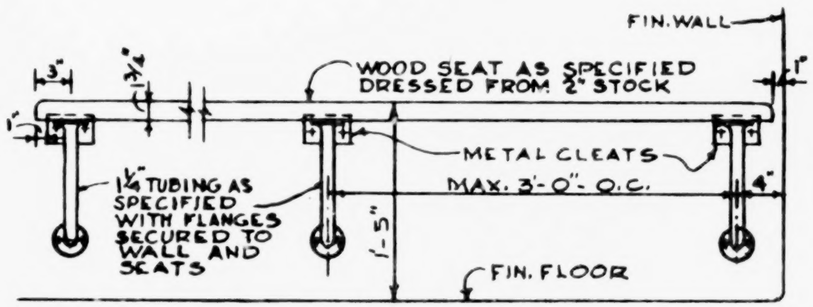
NOTES

SEATS IN DRESSING AREAS

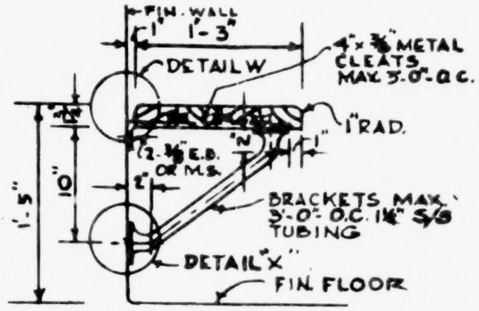
TITLE

DATE ISSUED MARCH '78 | REVISION 4/29/80

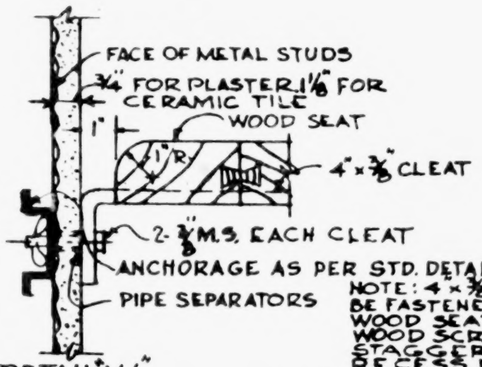
20 Veterans Administration STANDARD DETAIL



ELEVATION OF WALL SEAT

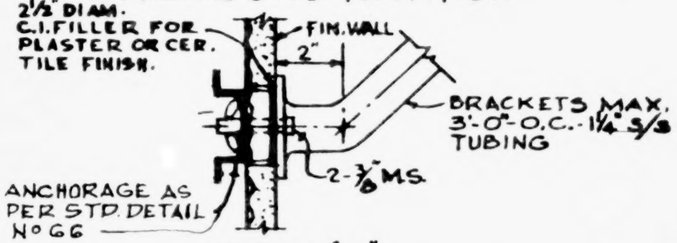


SECTION THRU WALL SEAT

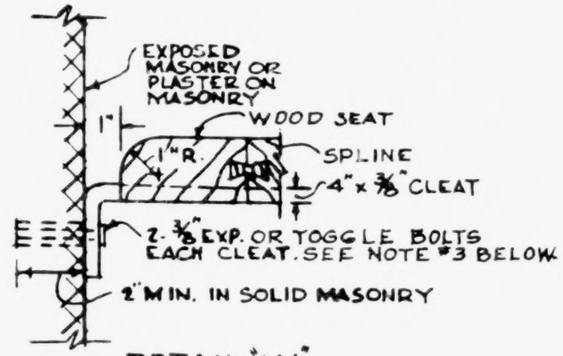


NOTE: 4"x⅜" METAL CLEATS SHALL BE FASTENED TO UNDERSIDE OF WOOD SEAT WITH 1½" N°10 R.H. WOOD SCREWS 2'-0" O.C. STAGGERED. RECESS METAL CLEATS FLUSH WITH BOTTOM OF SEAT.

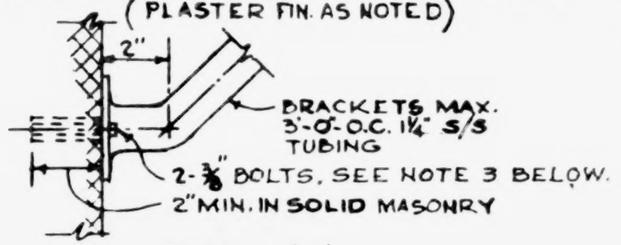
DETAIL "W" ON METAL STUD PARTITION



DETAIL "X" ON METAL STUD PARTITION



DETAIL "W" ON EXPOSED MASONRY PARTITION (PLASTER FIN. AS NOTED)



DETAIL "X" ON EXPOSED MASONRY PARTITION

NOTES

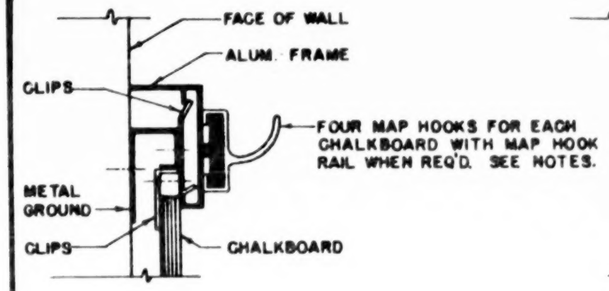
1. SEE SHEET NO. 20 FOR WOOD SEATS IN SHOWER STALLS AND DRESSING BOOTHS.
2. PROVIDE SLOTTED HOLES FOR WOOD SCREWS.
3. FOR ANCHORAGE TO OPEN CELL BLOCK, USE TOGGLE BOLTS. FOR ANCHORAGE INTO WEB OF BLOCK, USE EXPANSION BOLTS.

TITLE: SEATS IN DRESSING & LOCKER ROOMS AND THERAPEUTIC POOL

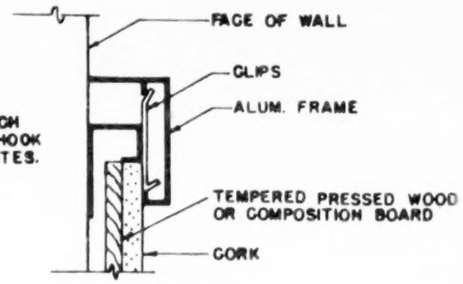
DATE ISSUED | REVISION

20 A

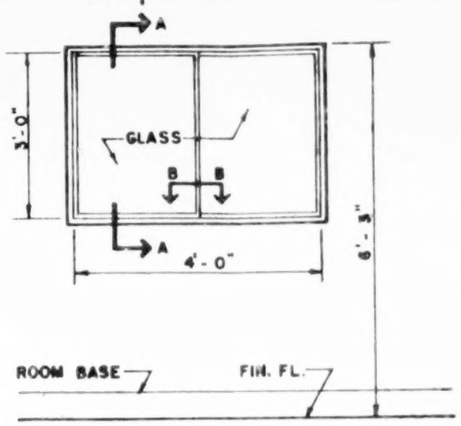
Veterans Administration STANDARD DETAIL



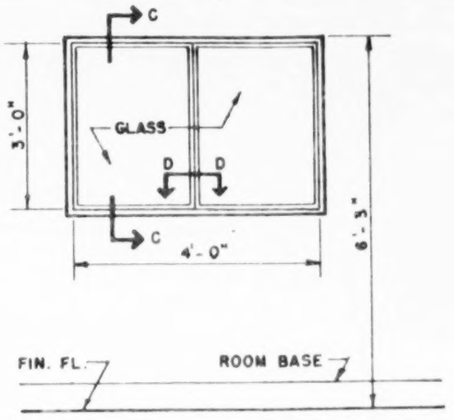
SECTION 1-1



SECTION 4 - 4
TYPICAL SECTION THRU
FRAME OF BULLETIN BOARD

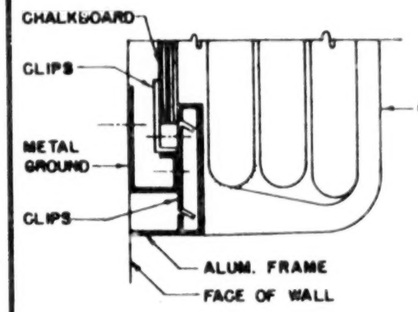


ELEVATION WITH SLIDING DOORS

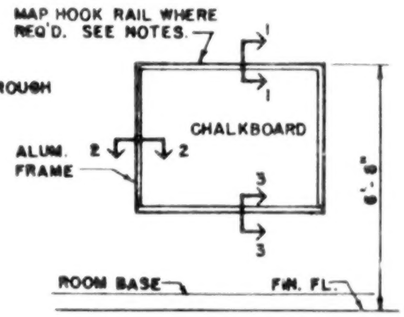


ELEVATION WITH HINGED DOORS

TYPICAL ELEVATIONS

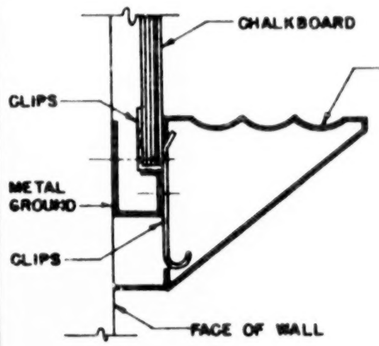


SECTION 2-2

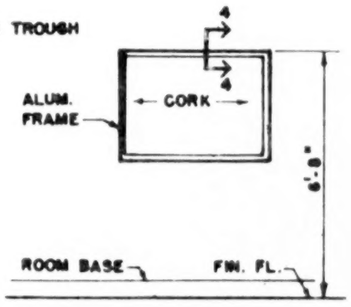


NOTE: FOR SIZE SEE NOTES

ELEVATION OF CHALKBOARD



SECTION 3 - 3

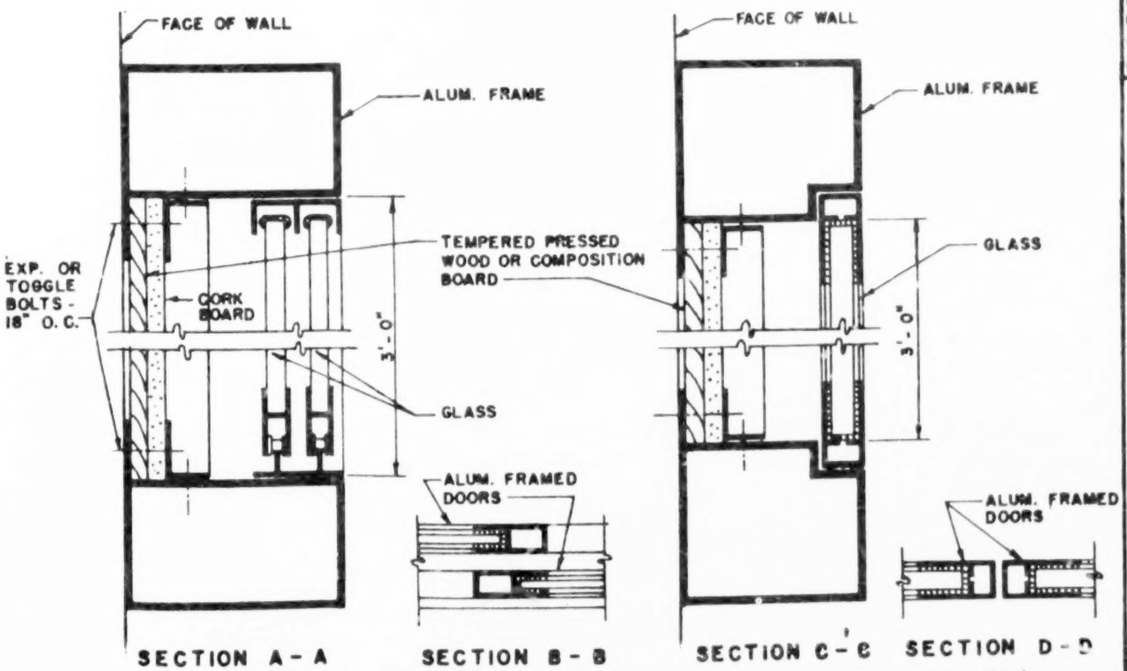


NOTE: FOR SIZE SEE NOTES

ELEVATION OF BULLETIN BOARD

TYPICAL ELEVATIONS

ALUMINUM FRAMED CHALKBOARDS AND BULLETIN BOARDS



SECTION A - A (SLIDING DOORS)

SECTION B - B

SECTION C - C (HINGED DOORS)

SECTION D - D

ALUMINUM FRAMED BULLETIN BOARDS WITH GLASS DOORS

NOTE :

1. SIZE OF BULLETIN BOARD AS INDICATED ABOVE EXCEPT AS OTHERWISE NOTED.
2. SEE ARCHITECTURAL PLANS FOR LOCATION AND SIZE OF CHALKBOARDS AND BULLETIN BOARDS. SIZES GIVEN WILL BE ACTUAL BOARD SIZE.
3. PROVIDE MAP HOOK RAIL AND MAP HOOKS ON CHALKBOARDS IN CLASS ROOMS, CONFERENCE ROOMS AND EDUCATIONAL THERAPY.
4. OMIT MAP HOOK RAIL ON CHALKBOARDS IN LABORATORIES.
5. SEE SPECIFICATIONS FOR MATERIALS AND METHODS OF FASTENING TO WALLS.

NOTES

TITLE: CHALKBOARDS AND BULLETIN BOARDS

DATE ISSUED APRIL '60 REVISION

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Veterans Administration STANDARD DETAIL

RADIOGRAPHIC ROOM

(PATIENT ACCESS TO THIS SIDE OF TABLE)

R/F ROOM

(PATIENT ACCESS TO THIS SIDE OF TABLE)

PLANS

SCALE: 1/4" = 1'-0"

SECTION

TYPICAL FLOOR DUCT

SECTION

DETAIL FOR BOLTING EQUIPMENT TO STRUCTURAL SLAB WHERE REQUIRED OVER DUCT COVERPLATE

NOTES

X-RAY FLOOR DUCT FOR CABLES TO EQUIPMENT

TITLE

DATE ISSUED	REVISION
JAN. 81	JUN. 4,

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Veterans Administration STANDARD DETAIL

	ROOM	LEAD IN PARTITIONS (IN M.M.)	LEAD IN DOORS & CONTROL WINDOWS (IN M.M.)	LEAD ON FLOOR SLAB (IN M.M.)	LEAD ON CLG. SLAB (IN M.M.)	HEIGHT OF LEAD IN PARTITIONS	REQUIRED FL. DEPRESSIONS (SEE NOTES)
1.	RADIOGRAPHIC FLUOROSCOPIC ROOM (CEILING MOUNTED X-RAY), SPECIAL PROCEDURES DIAGNOSTIC AND TELE-FLUOROSCOPY (CLG. MTD. X-RAY)	1.5 IN 4" BLOCK PART'N. 2.15 ON MET. STUD PART'N 3.0 DARK RM. SIDE.	2.15 (3.0 FOR DOOR TO DARK ROOM).	1.5 ON 2½" MIN. SOLID SLAB NONE ON 4½" MIN. SOLID SLAB.	NONE	7'-0" *	3½" WITH OR WITHOUT LEAD.
2.	DEEP THERAPY { CONVENTIONAL, COBALT, BETATRONS, LINEAR ACCELERATORS.	← SHIELDING AS DETERMINED BY A PHYSICIST					→
3.	CYSTOSCOPIC ROOM.	1.5 IN 4" BLOCK PART'N 2.15 ON MET. STUD PART'N 3.0 DARK RM. SIDE.	2.15	1.5 ON 2½" MIN. SOLID SLAB NONE ON 4½" MIN. SOLID SLAB.	NONE	7'-0" *	3½" WITH LEAD 1" WITHOUT LEAD. * *
4.	ANIMAL - X-RAY, ANIMAL - RESEARCH, RADIOGRAPHY & FLUOROSCOPY.	1.5 IN 4" BLOCK PART'N. 2.15 ON MET. STUD PART'N.	2.15 (3.0 FOR DOOR TO DARK ROOM).	1.5 ON 2½" MIN. SOLID SLAB NONE ON 4½" MIN. SOLID SLAB.	NONE	7'-0" *	1" * *
5.	DENTAL X-RAY AREA (STATIONARY WALL MOUNTED 90/100 KVP X-RAY) - (STATIONARY PANORAMIC X-RAY), ORAL SURGERY RM. (WHEN INDICATED BY DM&S) - (STATIONARY CEILING MOUNTED 65/90/100 KVP X-RAY) GENERAL TREATMENT OPERATORIES (WHEN INDICATED BY DM & S) STATIONARY CEILING MOUNTED 65/90/100 KVP	1.0 (CONC. BLOCK OR MET. STUD)	1.0MM	NONE	NONE	7'-0" *	1" * *
6.	DENTAL X-RAY (PORTABLE 60/65 KVP)	NONE	NONE	NONE	NONE	NONE	NONE
7.	FLUOROSCOPIC RMS. VERTICAL OR TILT TYPE GASTROENTEROLOGY (NO RADIOGRAPHY).	1.5 IN 4" BLOCK PART'N. 2.15 ON MET. STUD PART'N. (NO CONTROL BOOTH REQ'D.)	2.15	1.5 ON 2½" MIN. SOLID SLAB NONE ON 4½" MIN. SOLID SLAB.	NONE	7'-0" *	1" FOR VERT. TYPE & 3½" FOR TILT TYPE FLUOROSCOPE.
8.	OPERATING ROOM INCLUDING ANIMAL OPERATING (PORTABLE X-RAY), CARDIAC AND NEUROSURGICAL OPERATING ROOM (PORTABLE X-RAY).	NONE EXCEPT 3.0 ON DARK RM. SIDE.	NONE EXCEPT 3.0 FOR DOOR TO DARK RM.	NONE	NONE	NONE *	1" * *
9.	CARD. CATHETERIZATION IN CARDIO-PULMONARY CLINIC (CEILING MOUNTED X-RAY), OPERATING ROOM CLG. MOUNTED X-RAY & COMPUTERIZED TRANS-AXIAL TOMAGROPHY X-RAY.	1.5 IN 4" BLOCK PART'N. 2.15 ON MET. STUD PART'N. 3.0 DARK RM. SIDE.	2.15 (3.0 FOR DOOR TO DARK ROOM).	1.5 ON 2½" MIN. SOLID SLAB NONE ON 4½" MIN. SOLID SLAB.	NONE	7'-0" *	3½" WITH OR WITHOUT LEAD.
10	ULTRASOUND & THERMOGROPHY.	NONE	NONE	NONE	NONE	NONE	NONE

NOTES:

1. THE STRUCTURAL REQUIREMENTS RELATING TO X-RAY RADIATION PROTECTIVE BARRIERS ARE TO BE IN COMPLIANCE WITH NATIONAL COUNCIL ON RADIATION PROTECTION AND MEASUREMENTS PUBLISHED REPORTS NOS. 33 & 34.
2. FLOOR DEPRESSIONS NOTED ARE TO PROVIDE SPACE FOR ELECTRICAL CONDUITS, RACEWAYS, JUNCTION BOXES, ETC.; TO PROVIDE COVER FOR LEAD SHIELDING; AND TO PROVIDE FOR LEVEL FLOOR.
3. SEE OTHER STANDARDS FOR DETAILS OF LEAD IN FLOORS, PARTITIONS AND DOORS
4. LEAD THICKNESS MAY VARY FOR SPECIAL CONDITIONS.
5. PROVIDE ADDITIONAL LEAD ON SLAB WHERE REQUIRED FOR X-RAY EQUIPMENT.
6. * LEAD IN PARTITION ADJACENT TO, FACING, OR IN NEAR PROXIMITY TO DARK ROOM SHALL EXTEND TO CEILING.
7. * * WHERE OVERALL TOPPING OR FILL IS PROVIDED ON SLAB, DISREGARD THIS DIMENSION.
8. ALL SHIELDING REQUIREMENTS SHALL BE REVIEWED BY RADIOLOGY SERVICE, DEPT. OF MEDICINE AND SURGERY, VETERANS ADMINISTRATION.

NOTES

LEAD LINING IN X-RAY ROOMS

(TO BE USED AS A PRELIMINARY GUIDE ONLY)

TITLE

DATE ISSUED APRIL '80 | REVISION

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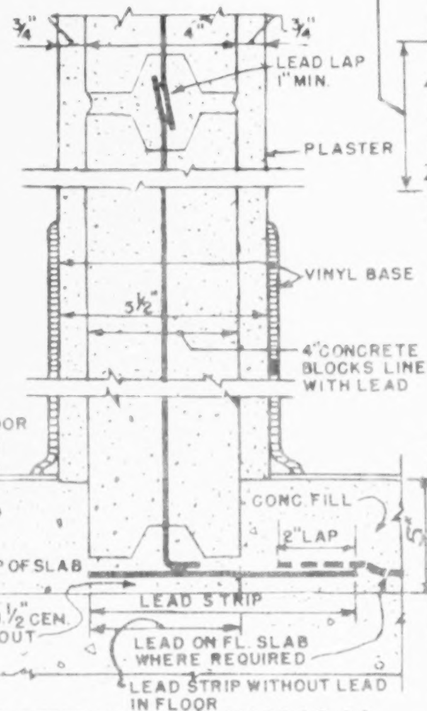
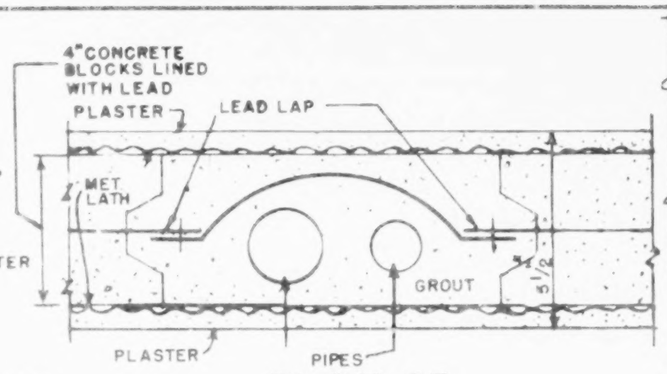
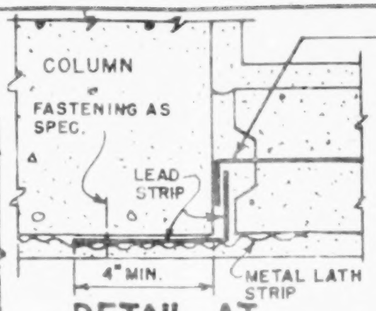
Veterans Administration STANDARD DETAIL



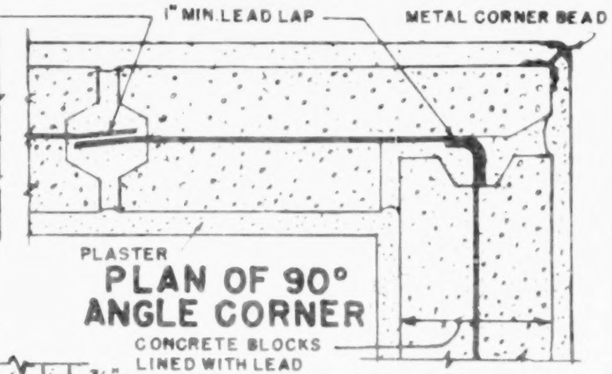
BOTTOM OF TYPICAL PART'N WITH RACEWAYS IN FLOOR



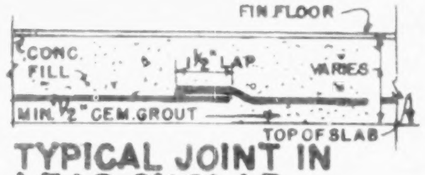
PLAN OF DEEP PIPE CHASE



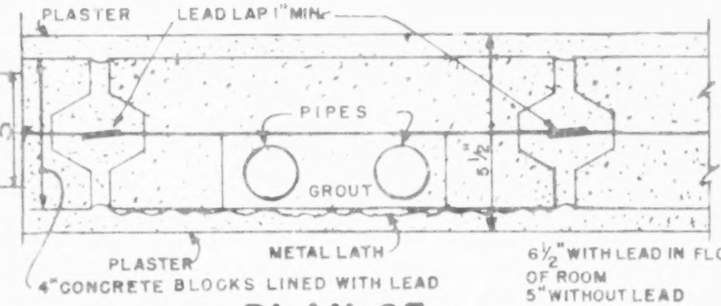
DETAIL AT INTERIOR COLUMN



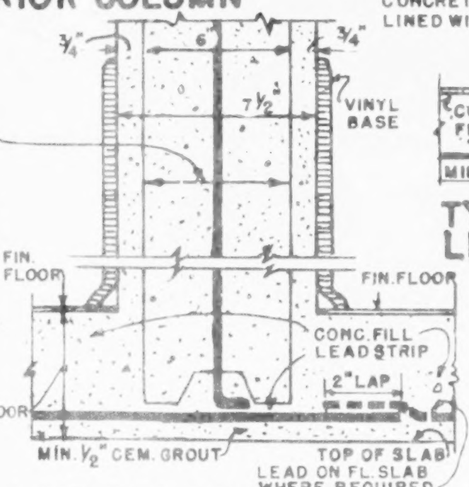
PLAN OF 90° ANGLE CORNER



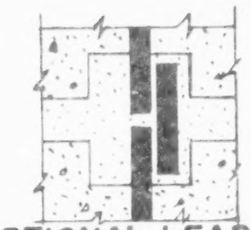
TYPICAL JOINT IN LEAD ON SLAB



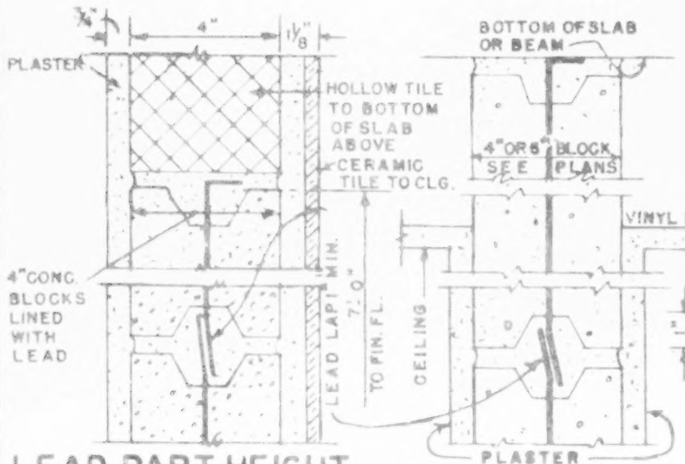
PLAN OF SHALLOW PIPE CHASE



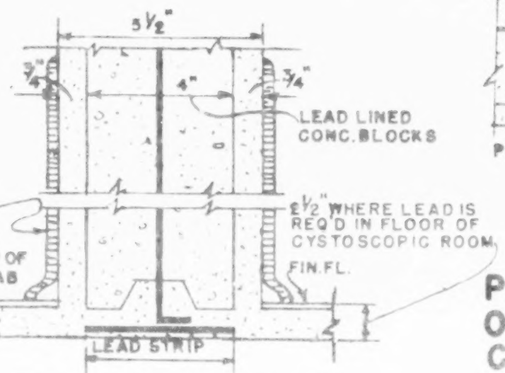
BOTTOM OF PARTITION DEEP THERAPY



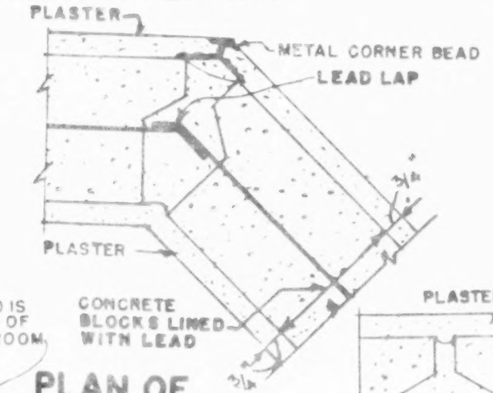
OPTIONAL LEAD LAP AT JOINTS IN DEEP THERAPY PART'N



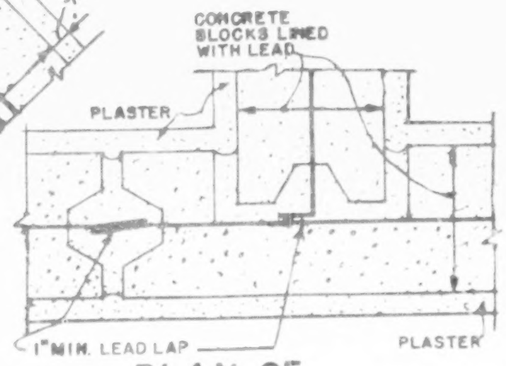
LEAD PART HEIGHT
LEAD FULL HEIGHT
TOP SECTION OF PARTITIONS



BOTTOM SECTION TYPICAL PARTITION



PLAN OF OBTUSE ANGLE CORNER



PLAN OF INTERSECTION

NOTES

1. FURRING AROUND COLUMNS, DUCTS, ETC., TO BE LEAD LINED EXCEPT IN EXTERIOR WALLS.
2. THICKNESS OF LEAD IN PARTN'S AND ON FL. SLAB TO BE GOVERNED BY RM REQUIREMENTS.
3. IN DEEP THERAPY EXTEND LEAD 1'-0" OUTSIDE OF PARTN'S WHEN LEAD STRIP IS UNDER PARTN'S.
4. WHERE LEAD LINED PARTN'S IN DEEP THERAPY ABUT COL., EXTEND LEAD ACROSS ENTIRE FACE OF COL.
5. LEAD ON CEILING SLAB OF DEEP THERAPY SHALL EXTEND 1'-0" OUTSIDE OF LEAD LINED PARTN'S.
6. THIS DETAIL NOT TO BE USED FOR SEISMIC AREAS. USE METAL STUD PARTN'S W/ LEAD BACKED GYP. WALLBRD.

LEAD LINED BLOCK PARTITIONS IN NEW CONSTRUCTION

INTERIM COPY

TITLE

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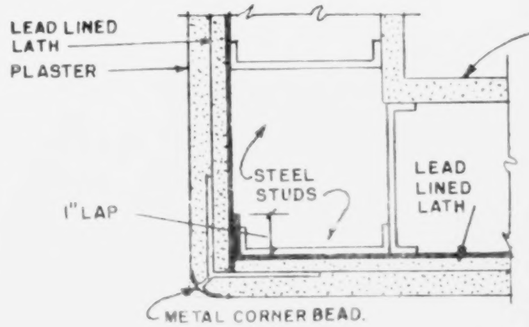
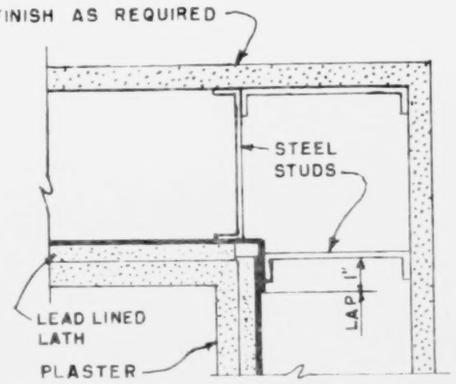
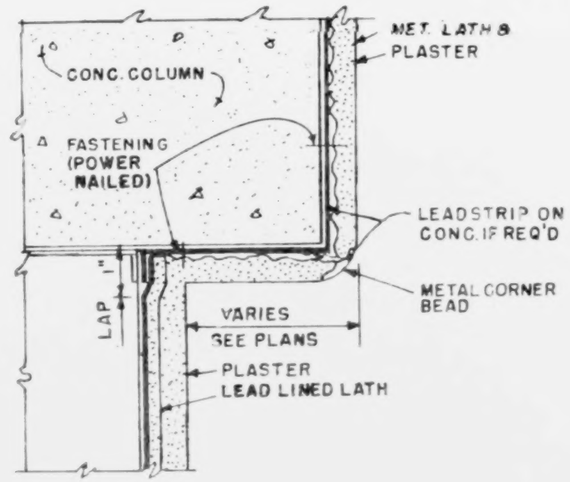
Veterans Administration STANDARD DETAIL



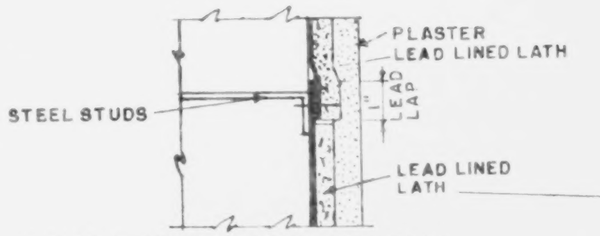
PLAN-EXTERNAL CORNER



PLAN-INTERNAL CORNER

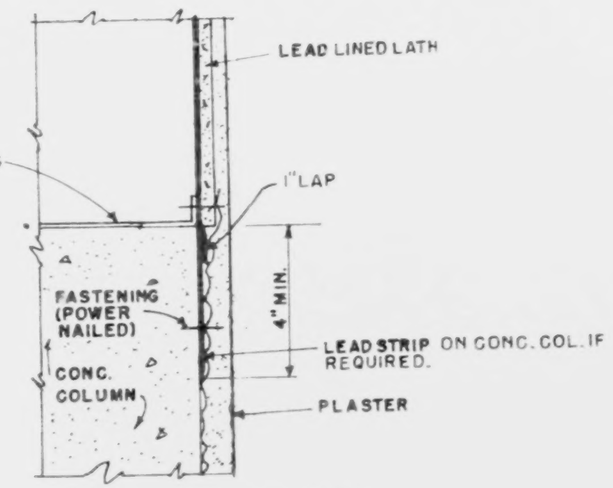


PLAN "B" AT COLUMN

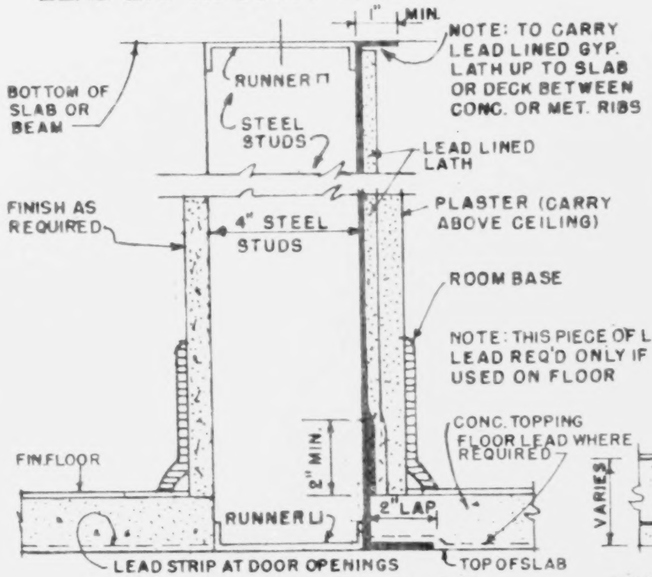


LEAD LAP AT JOINT IN LATH

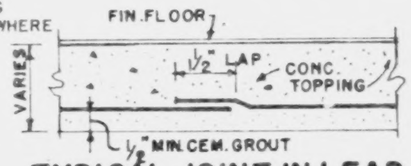
METHOD OF INSTALLING LEAD LINED LATH



PLAN "A" AT COLUMN



LEAD SLAB TO SLAB
OCCURS AT DENTAL X-RAY & DEEP THERAPY



TYPICAL JOINT IN LEAD ON SLAB

NOTE:
1. SEE STD. DETAIL No. 24 "LEAD LINING IN X-RAY ROOMS" FOR LOCATIONS WHERE LEAD AND/OR RACEWAYS ARE REQUIRED IN FLOOR.
2. SEE PLANS AND FINISH SCHEDULE FOR WALL FINISH AND ROOM BASE.
3. FURRING PARTITIONS AT COLUMNS, PIPES, DUCTS ETC. SHALL BE LEAD LINED UNLESS OTHERWISE NOTED ON PLANS.
4. THICKNESS OF LEAD IN PARTITION & FLOOR GOVERNED BY ROOM REQUIREMENTS. (SEE PLANS & STD. DETAIL No. 24.)
5. SEE STD. DETAILS No. 18 AND 24 AND STRUCTURAL DRAWINGS FOR DEPRESSED SLABS AND BEAMS.
6. SEE DETAILS OF LEAD-LINED DOORS FOR LEAD STRIP IN FLOOR AT DOOR OPENINGS.

TITLE: LEAD LINED METAL STUD PARTITION IN NEW CONSTRUCTION

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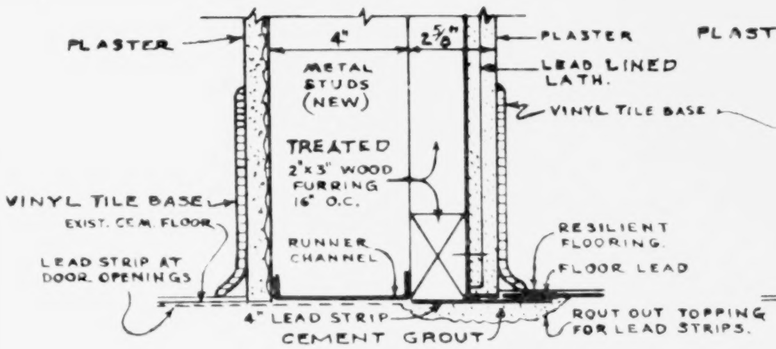
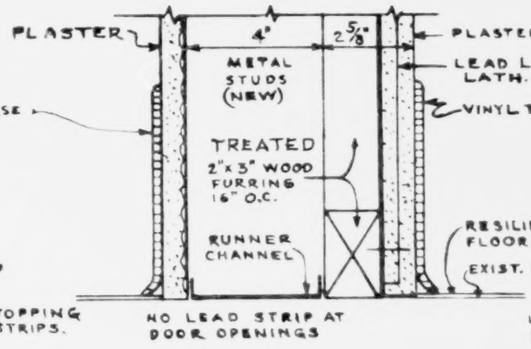
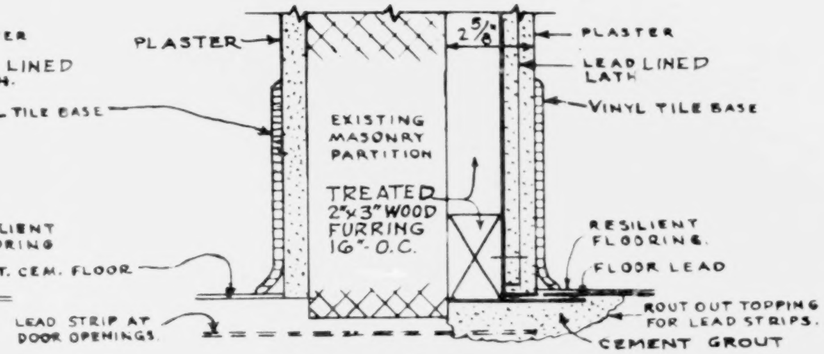
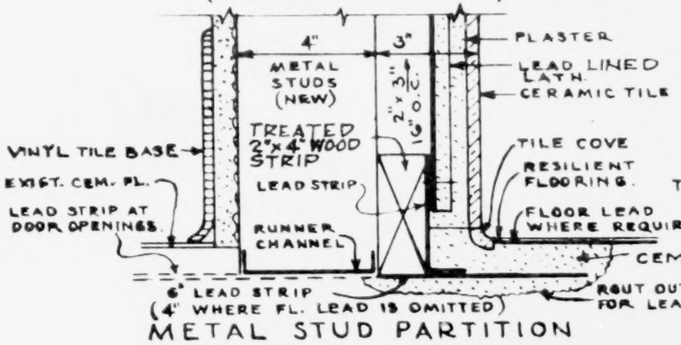
24B
Veterans Administration STANDARD DETAIL





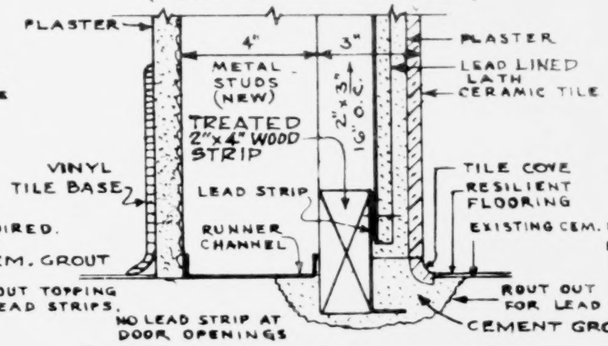


METAL STUD PARTITION WITH LEAD ON FLOOR
(PLASTER WALL FINISH)



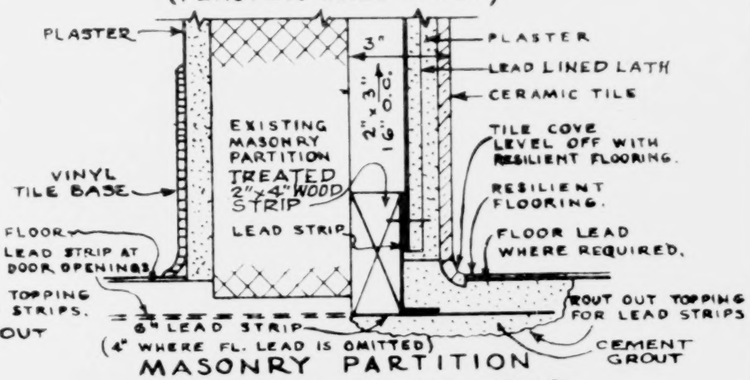
METAL STUD PARTITION WITH OR WITHOUT LEAD ON FLOOR OF ROOM
(CERAMIC TILE WALL FIN.)

METAL STUD PARTITION WITH 1.0MM. OR LESS LEAD
(PLASTER WALL FINISH)

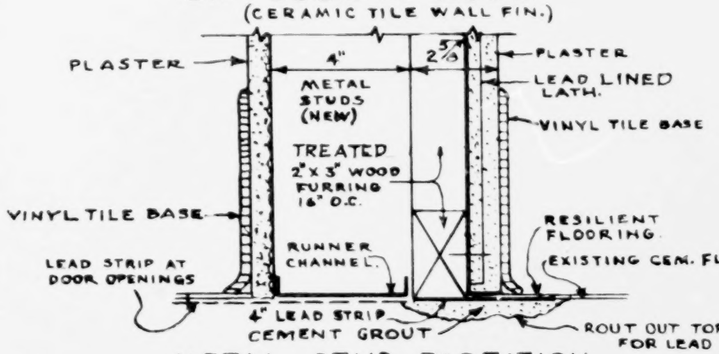


METAL STUD PARTITION WITH 1.0MM. OR LESS LEAD
(CERAMIC TILE WALL FIN.)

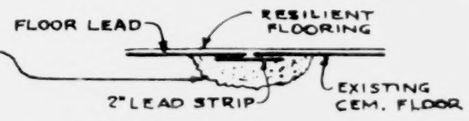
MASONRY PARTITION WITH LEAD ON FLOOR
(PLASTER WALL FINISH)



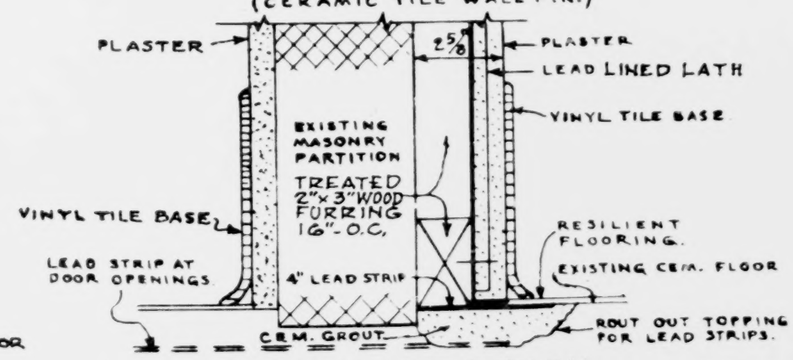
MASONRY PARTITION WITH OR WITHOUT LEAD ON FLOOR OF ROOM
(CERAMIC TILE WALL FIN.)



METAL STUD PARTITION WITH OVER 1.0MM LEAD & NO LEAD ON FLOOR
(PLASTER WALL FINISH)



TYPICAL JOINT IN FLOOR LEAD



MASONRY PARTITION WITHOUT LEAD ON FLOOR
(PLASTER WALL FINISH)

NOTES

1. THICKNESS OF LEAD SHALL BE DETERMINED BY ROOM REQUIREMENTS.
2. SEE FIN. SCHEDULE FOR ROOM FINISH.
3. WOOD FURRING STRIPS SHALL BE SECURED TO METAL STUDS OR MASONRY AS SPECIFIED.
4. ALL WOOD FURRING STRIPS TO BE FIRE TREATED.
5. THESE DETAILS ARE NOT APPLICABLE TO DEEP THERAPY ROOMS.

LEAD LINING FOR PARTITIONS AND FLOORS IN EXISTING BUILDING

TITLE

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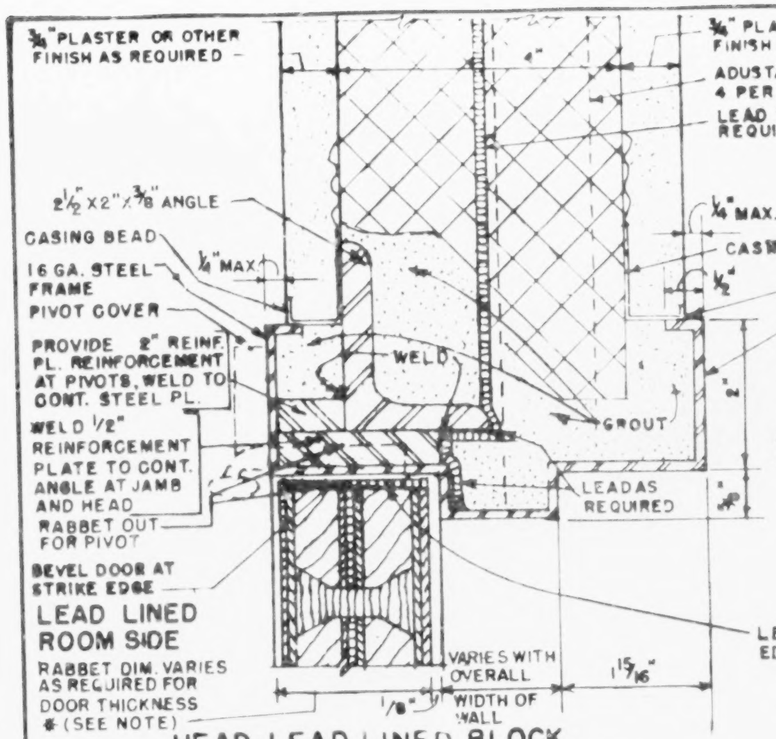
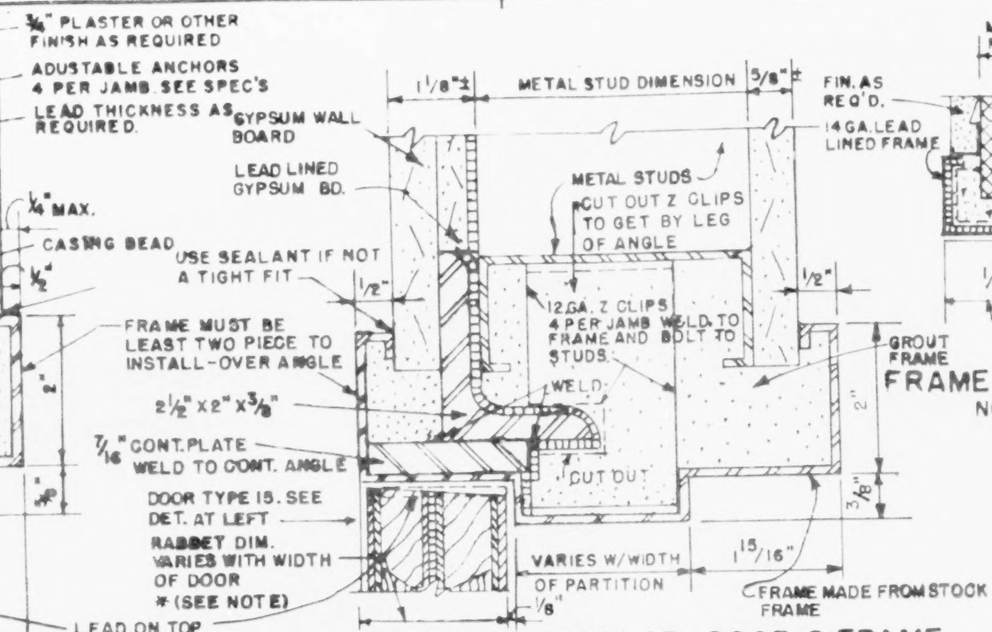
Veterans Administration STANDARD DETAIL

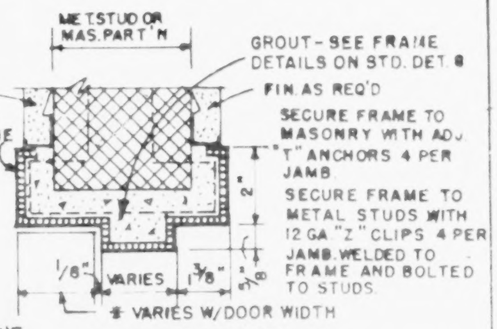


HEAD-LEAD LINED BLOCK
(JAMB SIMILAR EXCEPT AS NOTED)
LEAD LINED ROOM SIDE

RABBET DIM. VARIES AS REQUIRED FOR DOOR THICKNESS * (SEE NOTE)



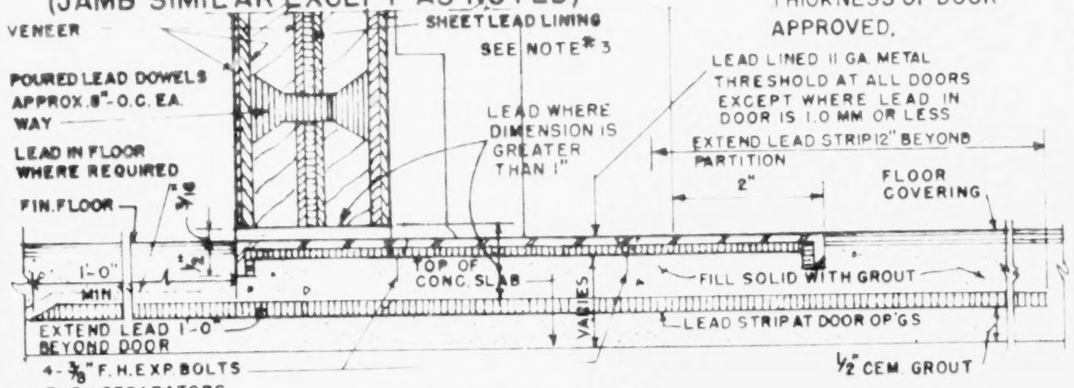
JAMB-HEAD SIMILAR- DOOR & FRAME
IN LEAD LINED METAL STUD PARTITION



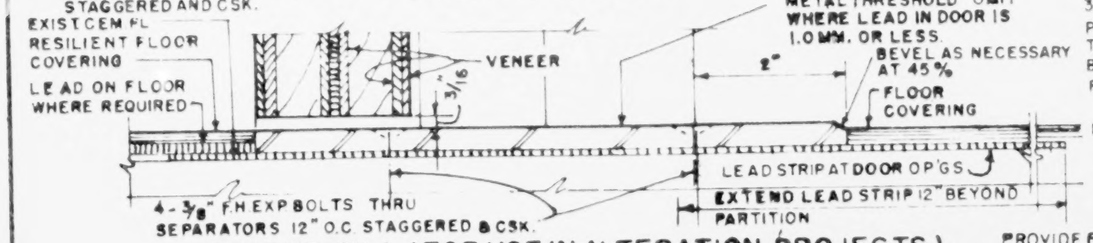
JAMB-HEAD SIMILAR
FRAME FOR DOORS 3'-2" & LESS
NOTE:- TO PROVIDE ANGLE LINTEL FOR PLASTER WALLS

NOTES
1. SECURE SURFACE PIVOTS TO DR. W/ 5-5/16" O.H. CSK BOLTS & TO FRAME W/ 4-5/16" O.H.M.S. CSK NUT ENDS OF BOLTS & COVER W/ 3"X6" LEAD LINED PAN SECRD. TO DR. W/6-NO.10 R.H. 3/4 W.S.
2. THICKNESS OF LEAD & LEAD GLASS IN DRS. & LEAD IN PARTN'S & FLS. GOVERNED BY RM REQUIREMENTS.
3. LEAD IN HEAD SECTION IS NOT REQUIRED WHERE LEAD IN PARTN IS ONLY 7'-0" HIGH.
4. SPECIAL ANCHORAGE OF JAMB STRUCTURAL ANGLES & PLATES AT INTERSTITIAL SPACE MAY BE NEEDED, SEE PLANS.

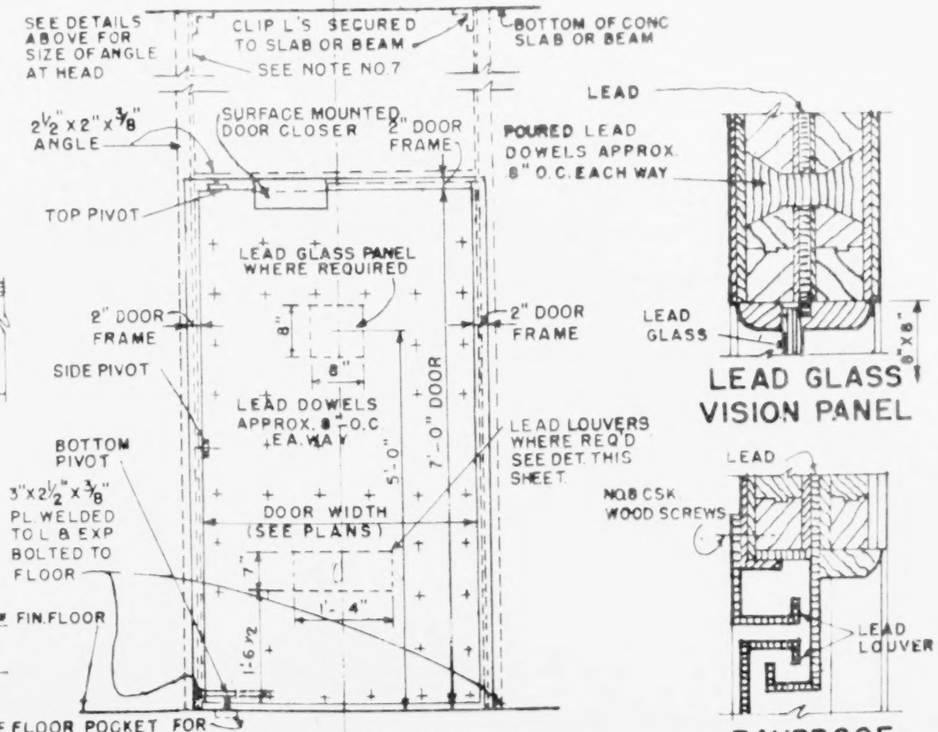
* NOTE ON DRAWINGS
CONTRACTOR TO COORDINATE RABBET DIM. WITH THICKNESS OF DOOR APPROVED.



TYPICAL (DEPRESSED) SILL



RAISED SILL (FOR USE IN ALTERATION PROJECTS)



ELEVATION

LEAD GLASS VISION PANEL

RAYPROOF LIGHTPROOF LOUVER

NOTE:- SEE PLANS FOR DOOR SWINGS

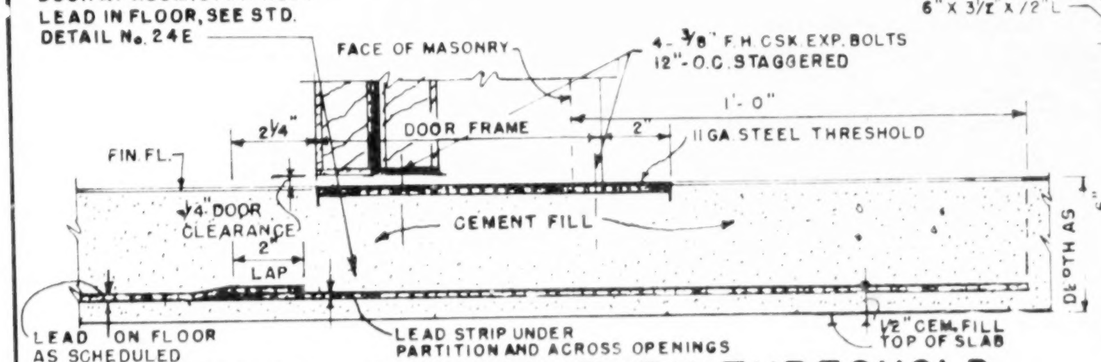
LEAD LINED DOOR
TYPE 15 & FRAME
(MEDIUM X-RAY PROTECTION)

TITLE

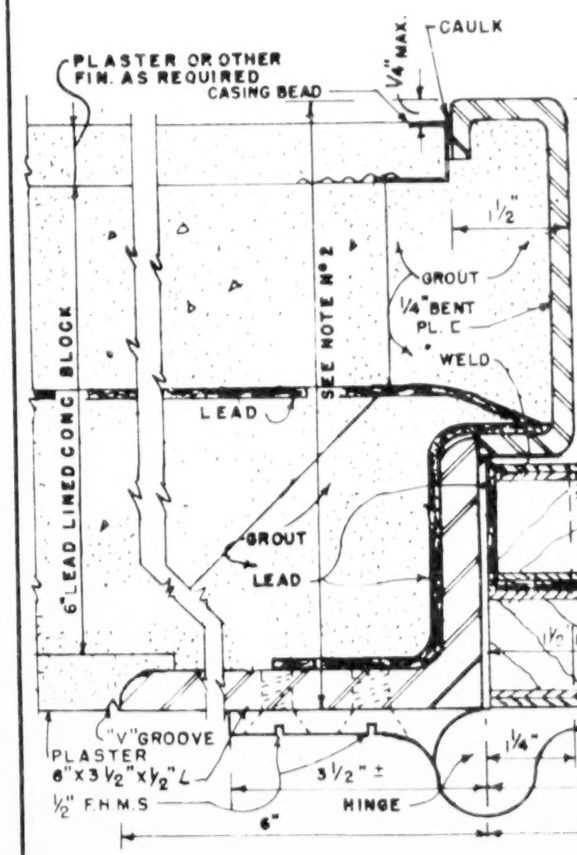
DATE ISSUED APRIL '80 | REVISION

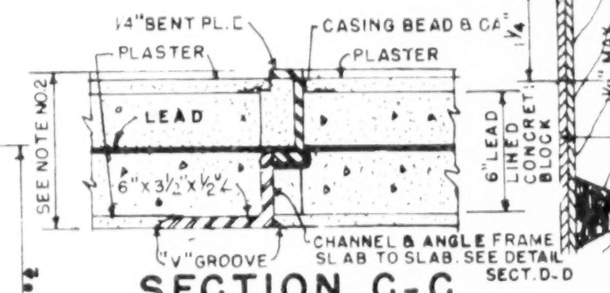
24F
Veterans Administration STANDARD DETAIL

NOTE: FOR LEAD STRIP UNDER DOOR AT ROOM(S) WITHOUT LEAD IN FLOOR, SEE STD. DETAIL No. 24E

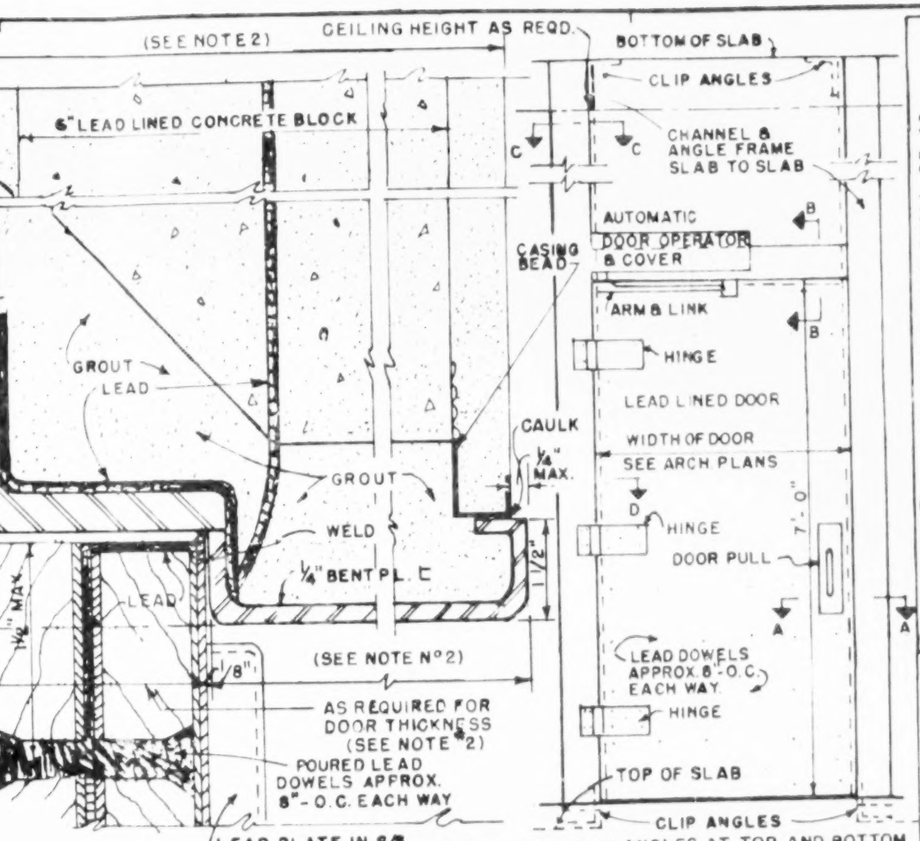


TYPICAL SECTION THRU THRESHOLD



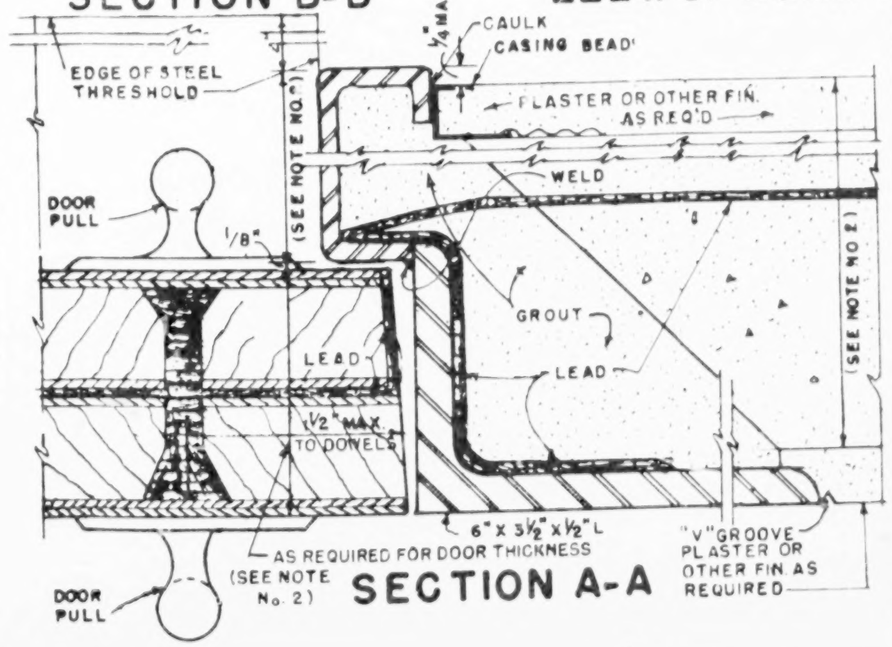


SECTION C-C



SECTION B-B

ELEV. OF DOOR



SECTION A-A

NOTES

1. LEAD THICKNESS SHALL BE AS DETERMINED BY A PHYSICIST.
2. WIDTH OF DOOR FRAME VARIES WITH ROOM FINISHES & DOOR THICKNESS.
3. LEAD STRIP SHOWN AT EDGE OF DOOR IS REQUIRED AT ALL FOUR EDGES.
4. REFER TO PLANS FOR RIGHT OR LEFT HAND DOOR SWING.
5. DO NOT USE THIS DETAIL IN SEISMIC AREAS. USE LEAD LINED DOOR FRAME IN LEAD LINED METAL STUD PARTITION ST. DETAIL NO. 24F1.

LEAD LINED DOOR TYPE 17 & FRAME

(IN LEAD LINED CMU WALLS)

TITLE

DATE ISSUED	REVISION
APRIL '80	

24F

Veterans Administration STANDARD DETAIL

NOTE: FOR LEAD STRIP UNDER DOOR AT ROOMS WITHOUT LEAD IN FLOOR. SEE STD. DET. NO. 24E

FACE OF MASONRY

4-3/8" F.H.CSK. EXP. BOLTS THRU SEPARATORS 12" O.C. STAGGERED

1'-0"

2"

11GA. STEEL THRESH

FIN. FLOOR

2 1/4"

DOOR FRAME

1/4" DOOR CLEARANCE

FILL WITH GROUT

LAP

DEPTH AS SCHEDULED 6

LEAD ON FLOOR IN SHIELDED ROOMS AS SCHEDULED

LEAD STRIP UNDER PARTITION AND ACROSS OPENINGS

1/2" CEM. GROUT TOP OF SLAB

TYPICAL SECTION THRU THRESHOLD

PLASTER

"V" GROOVE

6" x 3 1/2" x 1/2" L

SEE NOTE 2

CEILING HEIGHT AS REQD.

METAL STUD DIM.

LEAD LINED GYP LATH

GYP BD. OR OTHER FIN REQD

FILLER STRIP

C TYPE METAL STUDS

CASING BEAD

LEAD

1/2 GA. Z CLIPS 4 PER JAMB WELD TO FRAME AND BOLT TO STUDS

WELD

1/4" BENT PL. C

1 1/2"

4 3/4" ± (SEE NOTE N° 2)

AS REQUIRED FOR DOOR THICKNESS (SEE NOTE N° 2)

POURED LEAD DOWELS APPROX. 8"-0 C EACH WAY

LEAD PLATE IN S/S PAN CLOSURE TO COVER BOLTS OF DOOR OPERATOR ARM.

SECTION B-B

BOTTOM OF SLAB

CLIP ANGLES

BENT PLATE CHANNEL & ANGLE FRAME SLAB TO SLAB

AUTOMATIC DOOR OPERATOR & COVER

ARM & LINK

HINGE

LEAD LINED DOOR

WIDTH OF DOOR SEE ARCH. PLANS

HINGE

DOOR PULL

7'-0"

LEAD DOWELS APPROX. 8" O.C. EACH WAY.

HINGE

TOP OF SLAB

CLIP ANGLES

FIN. FL.

10" 5" EQUAL 5" 5" EQUAL 10"

CAULK 1/4" MAX.

NOTE: PROVIDE CLIP ANGLES AT TOP AND BOTTOM OF BOTH ANGLE AND CHANNEL FRAME TO ANCHOR TO FL. & CONSTRUCTION ABOVE

ELEV. OF DOOR

1/4" MAX

CAULK

GYP BOARD OR OTHER FIN AS REQUIRED

CASING BEAD

1/4" MAX

1 1/2"

METAL STUD DIMENSION

METAL STUDS CHANNEL TYPE

SEE NOTE No. 2

WELD

*12 GA. Z CLIPS 4 PER JAMB WELD TO FRAME AND BOLT TO METAL STUDS

LEAD LINED GYP. LATH

WOOD FILLER STRIP

"V" GROOVE PLASTER 6" x 3 1/2" x 1/2" L

3 1/2" ±

1/4"

8" ±

1/2" F.H.M.S. CSK.

6"

HINGE

3'-10" MAX. WIDTH OF DOOR

SECTION D-D

1/4" BENT PLATE

GYP BD.

6" x 3 1/2" x 1/2"

LEAD LINED GYP.

STUD

CLIP

CLIP

STUD

LEAD

1 1/4"

ME ST

"V" GROOVE

CHANNEL & ANGLE FRA SLAB TO SLAB SEE DET. SECT. D-D

SECTION C-C

SEE NOTE N°2

POURED LEAD DOWELS APPROX. 8"-0.C. EACH WAY

7/8" LEAD PLATE IN 7" x 5" S/S PAN CLOSURE OVER EACH HINGE SECURED TO DOOR WITH 6 NO. 10 R.H. 2 1/4" W.S.

AS REQUIRED FOR DOOR THICKNESS * (SEE NOTE N° 2)

1 7/8"

LEAD

1/2" MAX.

1/2" O.H. CSK. BOLTS

STEEL THRESHOLD

DOOR PULL

1/8"

(SEE NOTE N° 2)

METAL STUDS

Z CLIPS WELD TO FRAME (SEE SECT. D-D)

WELD

WOOD FILLER STRIP

LEAD

LEAD

1 1/2"

6" x 3 1/2" x 1/2" L

LEAD LINED GYP. LATH

"V" GROOVE PLASTER

AS REQUIRED FOR DOOR THICKNESS (SEE NOTE No. 2)

DOOR PULL

SECTION A-A

NOTES

1. LEAD THICKNESS SHALL BE AS DETERMINED BY A PHYSICIST.
2. WIDTH OF DOOR FRAME VARIES WITH ROOM FINISHES & DOOR THICKNESS.
3. LEAD STRIP SHOWN AT EDGE OF DOOR IS REQUIRED AT ALL FOUR EDGES.
4. REFER TO PLANS FOR RIGHT OR LEFT HAND DOOR SWING.

LEAD LINED DOOR TYPE 17 & FRAME IN LEAD LINED METAL STUD PARTITION)

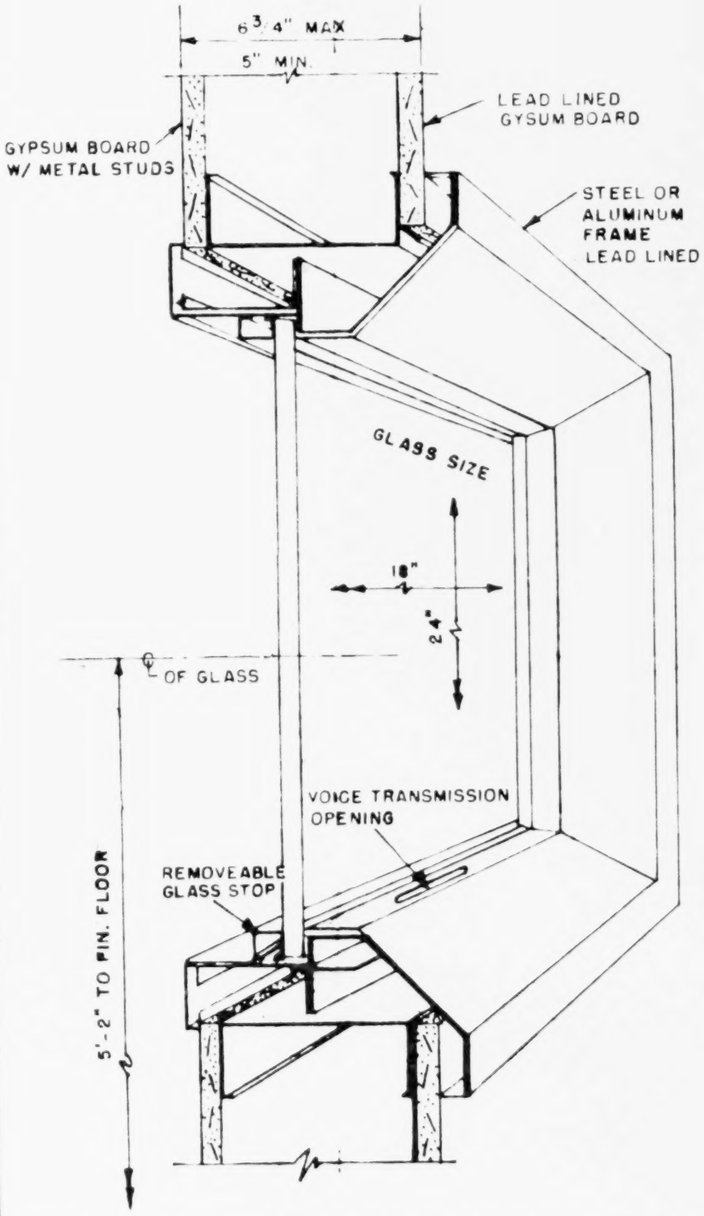
TITLE

DATE ISSUED APRIL '50

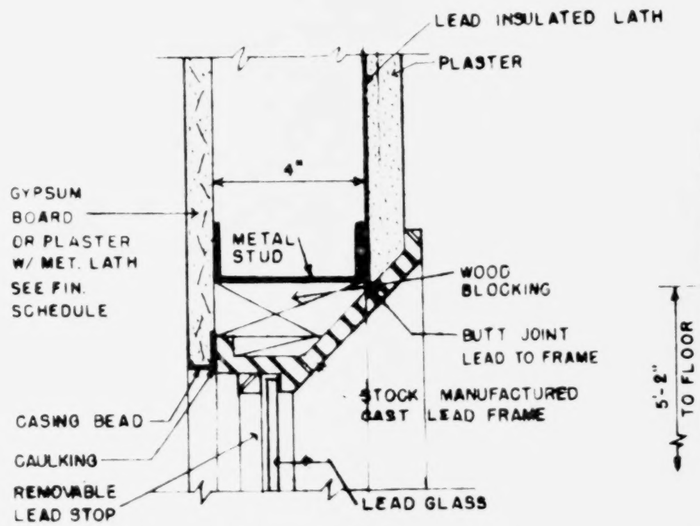
REVISION

24 FI

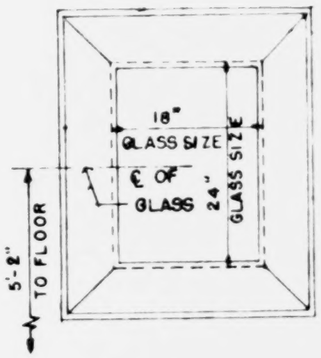
Veterans Administration STANDARD DETAIL



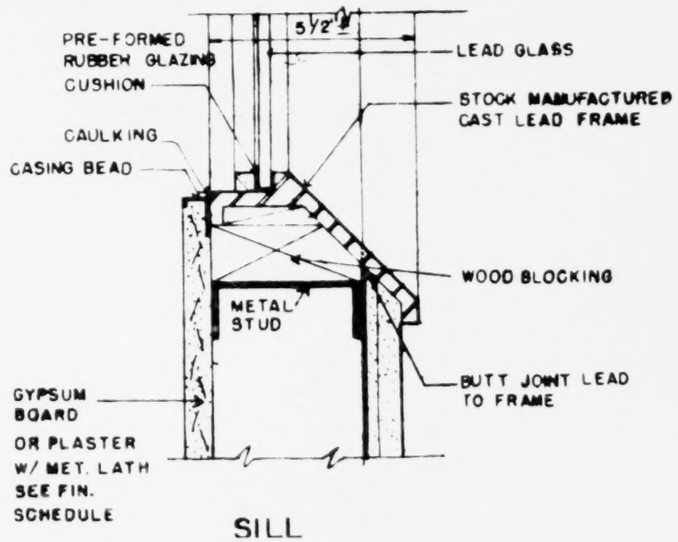
TELESCOPING LEAD LINED FRAME IN STUD PARTITION (LEAD LINED BLOCK SIMILAR)



HEAD-JAMB SIMILAR

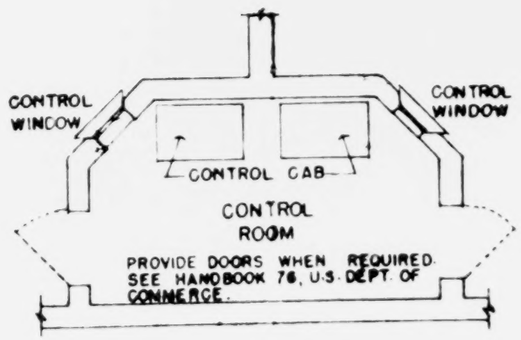


WINDOW ELEVATION



SILL

LEAD FRAME IN STUD PARTITION (LEAD LINED BLOCK SIMILAR)



TYP. PLAN OF CONTROL ROOM BETWEEN TWO RADIOGRAPHIC-FLUOROSCOPIC ROOMS

NOTES

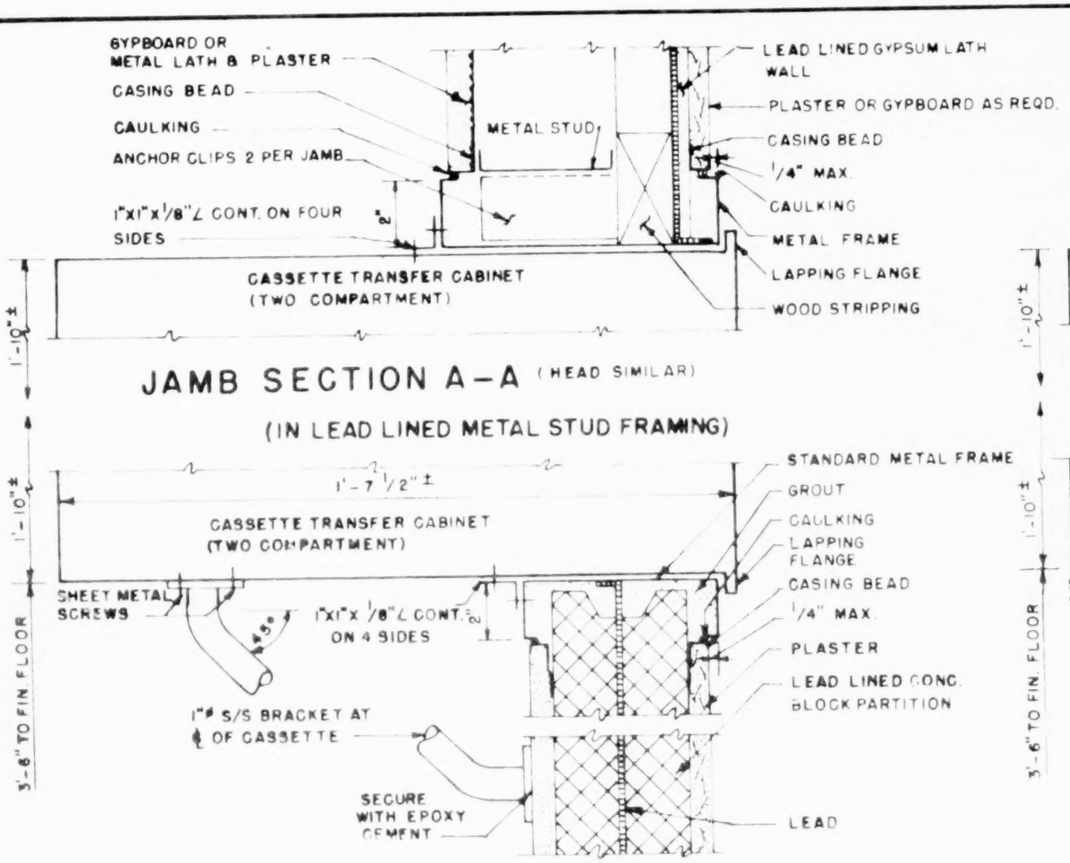
1. THICKNESS OF LEAD IN PARTITION AND THICKNESS OF LEAD GLASS SHALL BE GOVERNED BY LEAD REQUIREMENT FOR EACH X-RAY ROOM.
2. SEE SPECIFICATIONS FOR LIGHT PROOF SHADE REQUIREMENTS.

TITLE: X-RAY CONTROL WINDOWS

DATE ISSUED APRIL '60 REVISIO

24 G

Veterans Administration STANDARD DETAIL

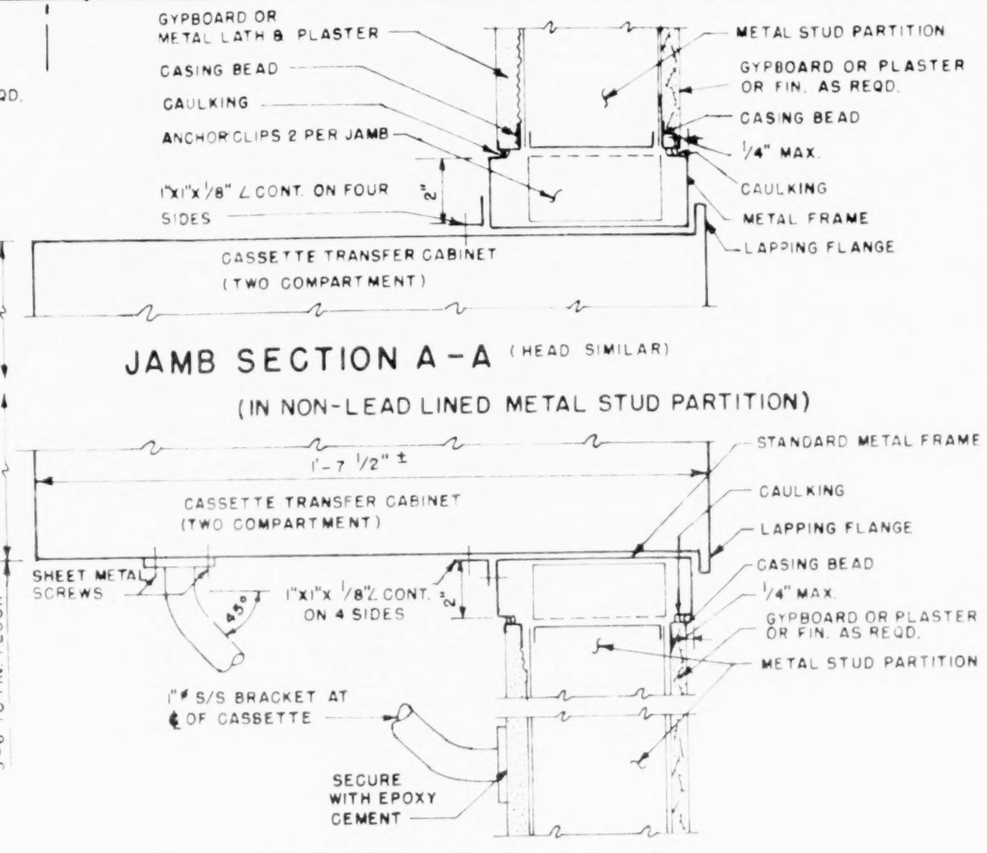


JAMB SECTION A–A (HEAD SIMILAR)

(IN LEAD LINED METAL STUD FRAMING)

SILL SECTION B-B

(IN LEAD LINED CONC. BLOCK PARTITION)

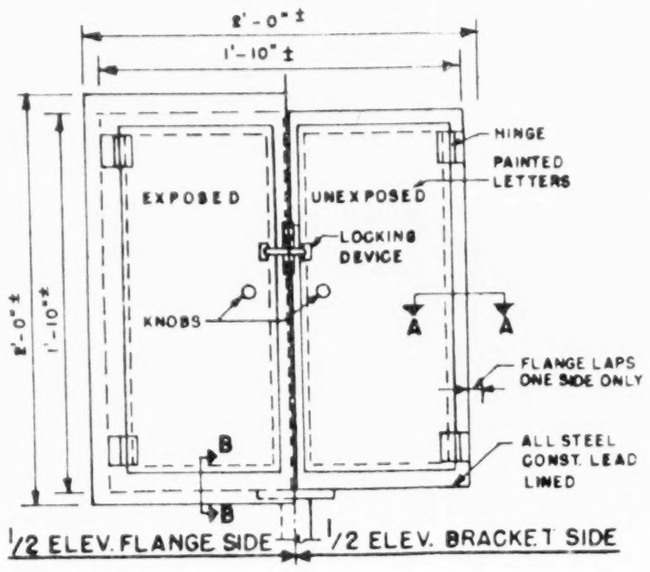


JAMB SECTION A–A (HEAD SIMILAR)

(IN NON-LEAD LINED METAL STUD PARTITION)

SILL SECTION B-B

(IN NON-LEAD LINED METAL STUD PARTITION)



NOTES

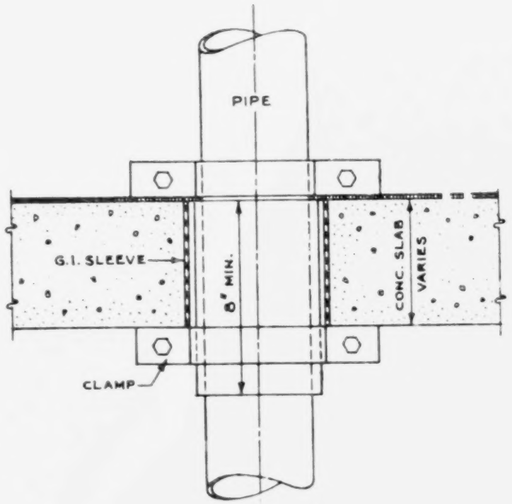
1. CASSETTE TRANSFER CABINET SHALL BE LEAD LINED WHERE OCCURRING IN LEAD LINED PARTITIONS.
2. THICKNESS OF LEAD GOVERNED BY ROOM REQUIREMENTS.
3. FOR WALL CONSTRUCTION DETAILS SEE STANDARD DETAILS FOR LEAD LINED PARTITIONS.
4. MODIFY NECESSARY FOR INSTALLATION WITH DRYWALL FINISH-SEE DOOR FRAME DETAILS ON STANDARD DETAIL NO. 8.

TITLE: CASSETTE TRANSFER CABINET

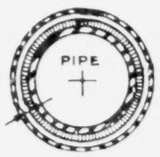
DATE ISSUED: AUG 1980 — INTERIM COPY — REVISION

24H

Veterans Administration STANDARD DETAIL

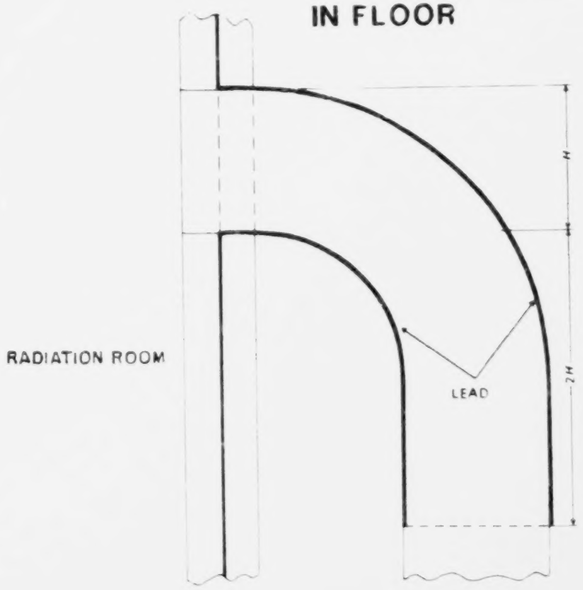


ELEVATION

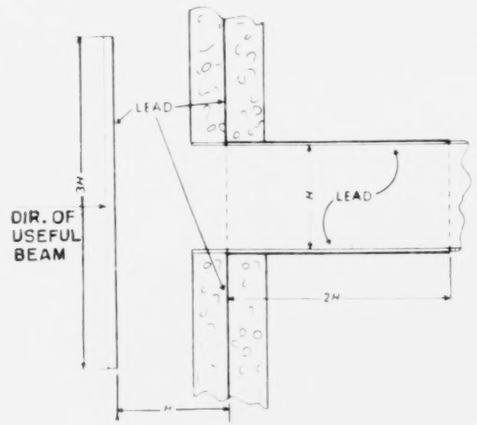


PLAN

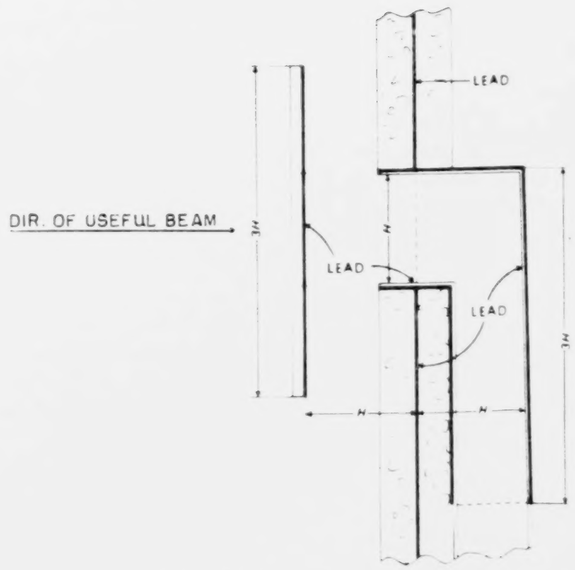
CONDUIT PIPE CHASE OPNG.
IN FLOOR



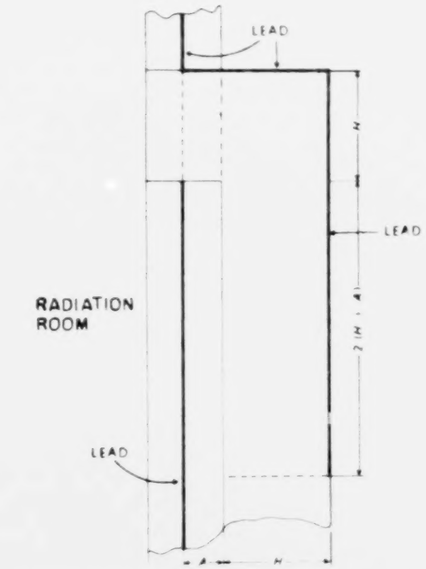
CONDUIT OPENING IN WALL



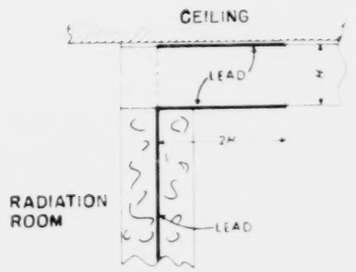
SERVICE BOX OR DUCT OPENING
IN WALL



SERVICE BOX OR DUCT OPENING
IN WALL



SERVICE BOX OR DUCT OPNG.
IN WALL



DUCT OPENING IN WALL
AT CEILING

NOTES

DETERMINATION IS MADE BY A RADIATION CONSULTANT AS TO THE THICKNESS AND HEIGHT OF LEAD SHIELDING IN WALLS TO FORM A BARRIER AGAINST LEAKAGE OF RADIATION.

TYPICAL DIAGRAMIC DETAILS FOR LEAD SHIELDING (SECONDARY PROTECTION)

TITLE

DATE ISSUED JULY 1969 | REVISION

24J
Veterans Administration
STANDARD DETAIL

MILLIMETERS	DECIMALS OF AN INCH	FRACTIONS OF AN INCH	LBS. PER SQ. FT.	LEAD GLASS EQUIVALENT
0.396	0.0156	1/64"	1	1 PLY APPROX. 1/4"
0.792	0.0312	1/32"	2	"
1.000	0.0391	5/128"	2½	"
1.191	0.0469	3/64"	3	"
1.587	0.0625	1/16"	4	"
1.984	0.0781	5/64"	5	"
2.380	0.0937	3/32"	6	"
3.175	0.1250	1/8"	8	2 PLY APPROX. 1/2"
3.967	0.1562	5/32"	10	"
4.763	0.1875	3/16"	12	3 PLY. APPROX. 3/4"
5.555	0.2187	7/32"	14	"
6.350	0.2500	1/4"	16	4 PLY. APPROX. 1"
7.142	0.2812	9/32"	18	"
8.465	0.3333	1/3"	20	5 PLY. APPROX. 1¼"
9.525	0.3750	* 3/8"	24	"
10.160	0.4000	2/5"	22½	6 PLY APPROX. 1½"
10.317	0.4062	13/32"	20	5 PLY. APPROX. 1¼"
11.112	0.4375	* 7/16"	28	7 PLY APPROX. 1¾"
12.700	0.5000	1/2"	30	"
14.287	0.5625	* 9/16"	34	8 PLY APPROX. 2"
15.875	0.6250	5/8"	38	9 PLY APPROX. 2¼"
16.934	0.6667	2/3"	40	"
19.050	0.7500	* 3/4"	44	10 PLY APPROX. 2½"
20.637	0.8125	* 13/16"	48	11 PLY APPROX. 2¾"
22.225	0.8750	7/8"	52	12 PLY APPROX. 3"
25.400	1.0000	1"	60	14 PLY APPROX. 3¼"

24K

Veterans Administration STANDARD DETAIL

LEAD SHEET THICKNESSES AND WEIGHTS

TITLE

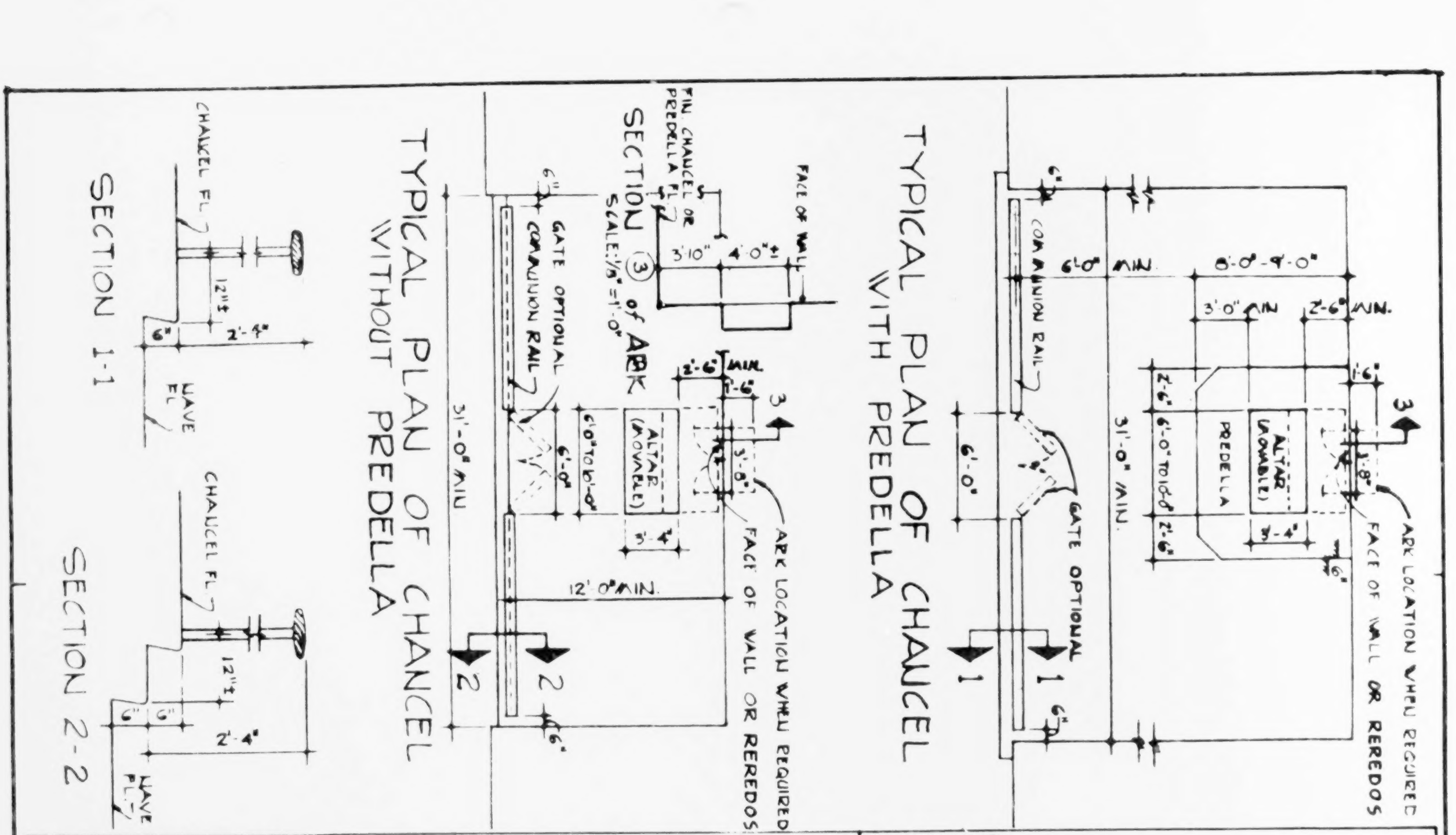
DATE ISSUED July '69

REVISION 4/30/20

NOTES

SHEET LEAD IN ABOVE TABLE GIVEN IN COMMERCIAL THICKNESSES EXCEPT AS NOTED.

* THESE SPECIAL THICKNESSES MAY BE ROLLED IF IN SUFFICIENT QUANTITY.



Veterans Administration STANDARD DETAIL

25

CHANCEL PLAN
(SCHEMATIC)

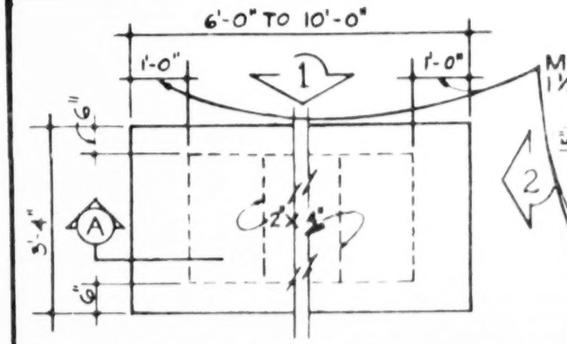
TITLE

DATE ISSUED JULY '69

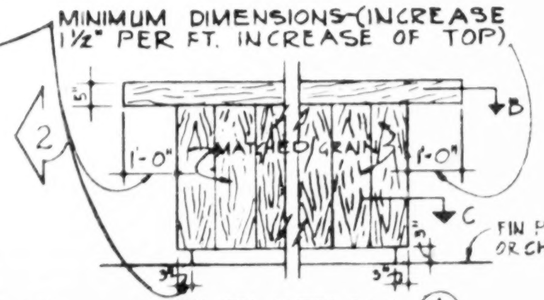
REVISION

NOTES

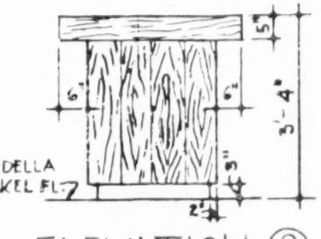
1. WHERE PREDELLA MUST BE OMITTED DUE TO LIMITED SPACE, LOCATE CHANCEL FLOOR 12" ABOVE FLOOR OF NAVE AND PROVIDE TWO STEPS AS SHOWN ABOVE.
2. SEE DRAWING NO. 25A FOR DETAILS OF ALTAR AND COMMUNION RAIL.
3. SEE DRAWING NO. 25B FOR DETAILS OF ARK AND ALTERNATE DETAILS OF PREDELLA.



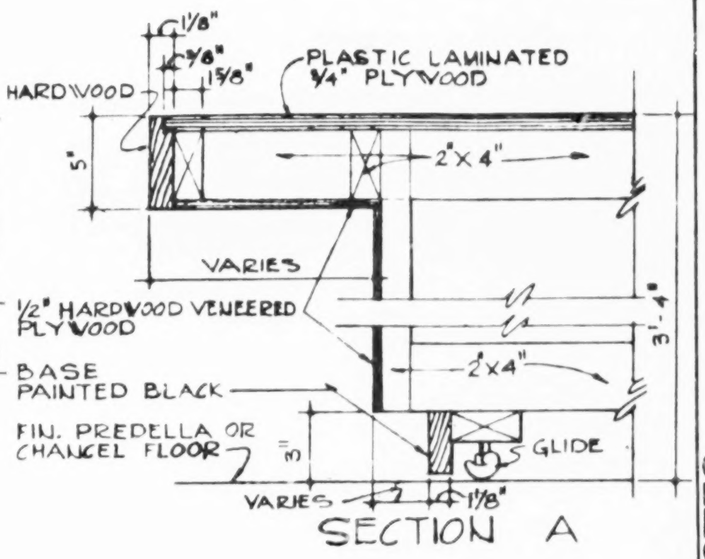
TYPICAL ALTAR PLAN



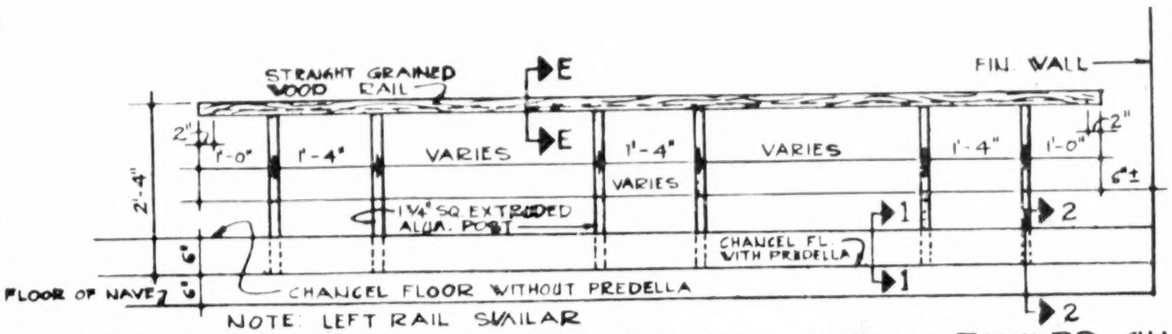
ELEVATION ①



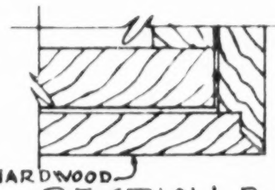
ELEVATION ②



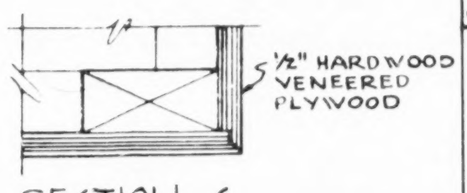
SECTION A



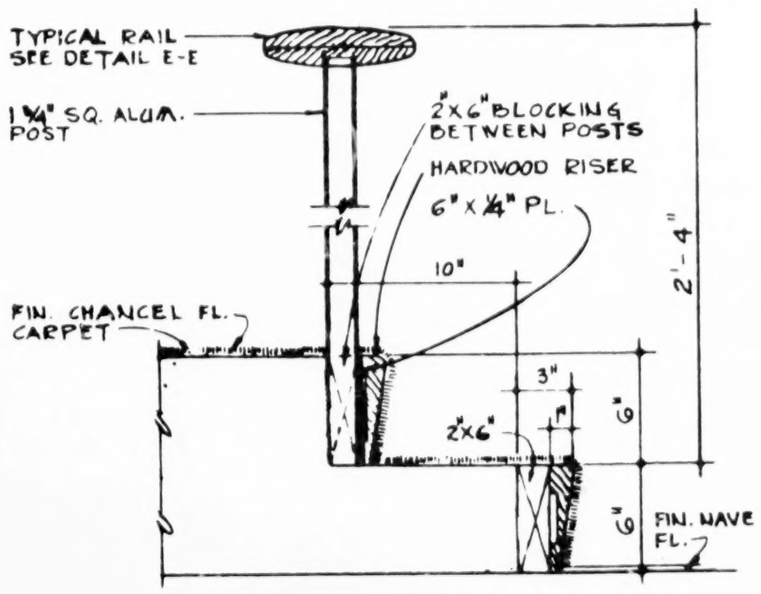
TYPICAL ELEVATION OF RIGHT COMMUNION RAIL - LOOKING TOWARD CHANCEL



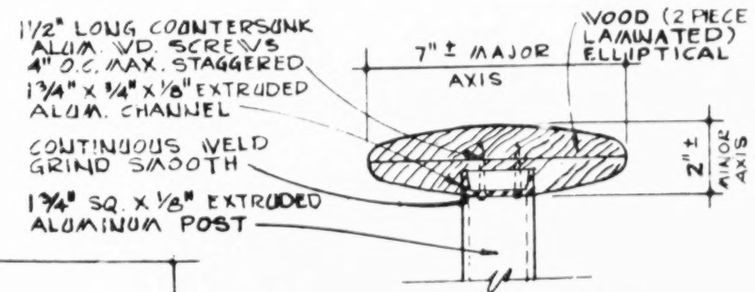
SECTION B



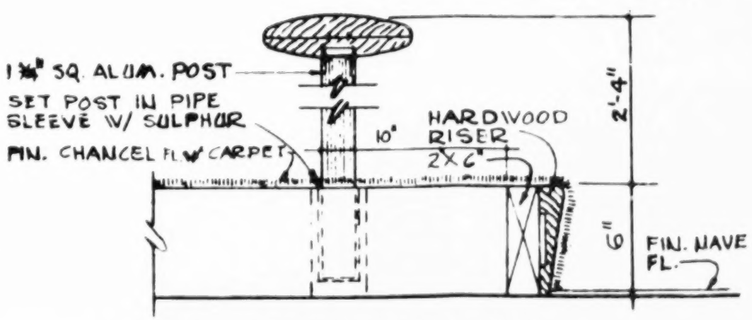
SECTION C



SECTION 2-2
COMMUNION RAIL WHERE CHANCEL FLOOR IS 12" ABOVE FLOOR OF NAVE



DETAIL E-E



SECTION 1-1
COMMUNION RAIL WHERE CHANCEL FLOOR IS 6" ABOVE FLOOR OF NAVE

NOTES

CHANCEL DETAILS
(ALTAR & COMMUNION RAIL)

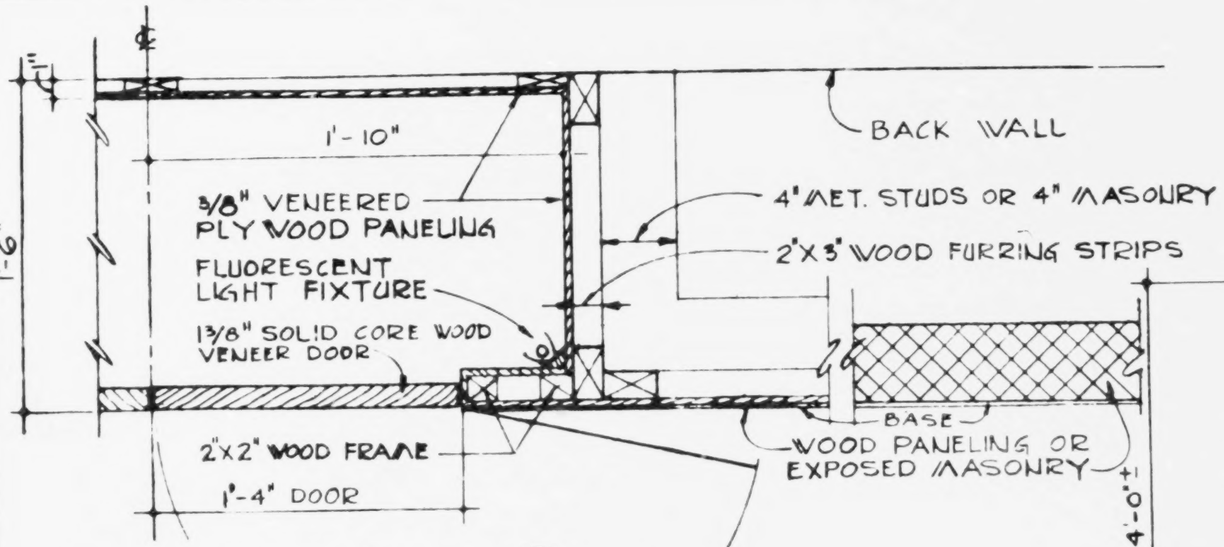
INTERIM COPY

DATE ISSUED	REVISION
APRIL '80	

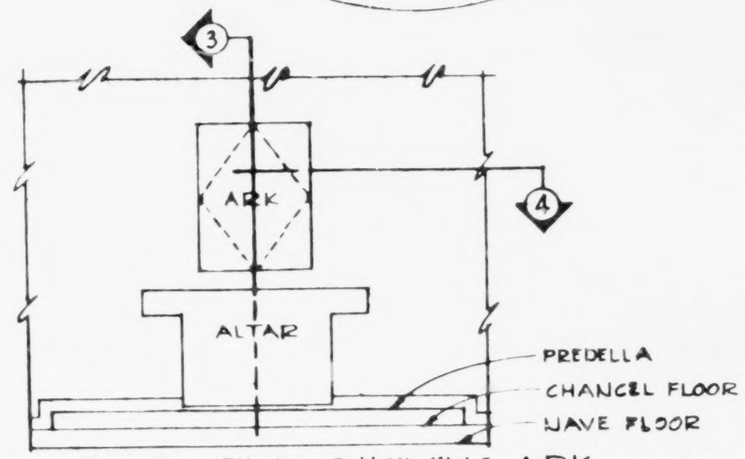
TITLE

25A

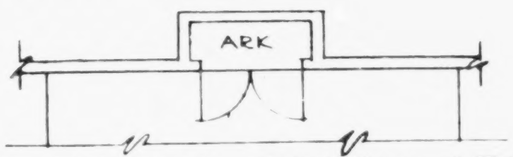
Veterans Administration STANDARD DETAIL



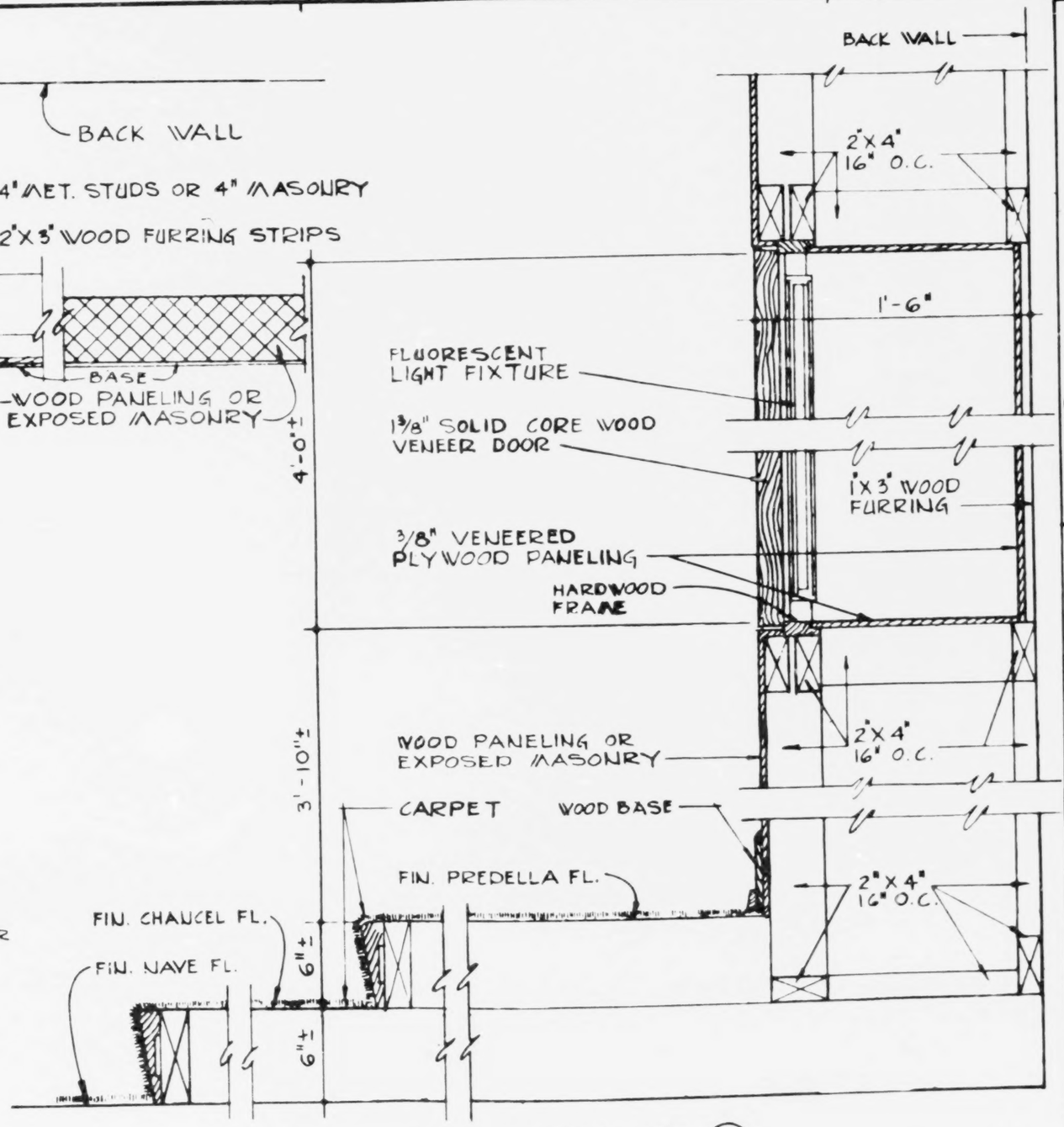
SECTION AT (4)



PART ELEVATION SHOWING ARK
SCALE: 1/4" = 1'-0"



PART PLAN SHOWING ARK



SECTION AT (3)

NOTES

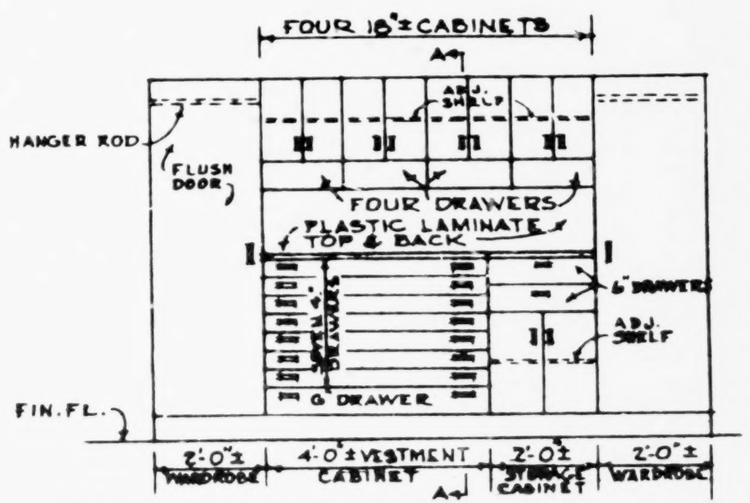
CHANCEL DETAILS (ARK AND PREDELLA)

TITLE

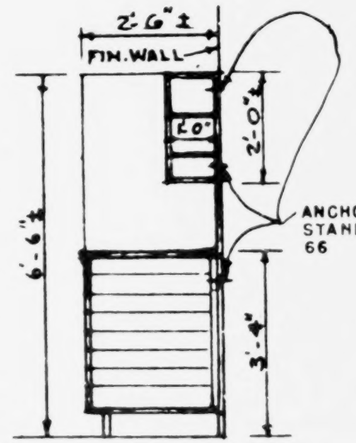
DATE ISSUED APRIL '80 | INTERIM COPY | REVISION

25B

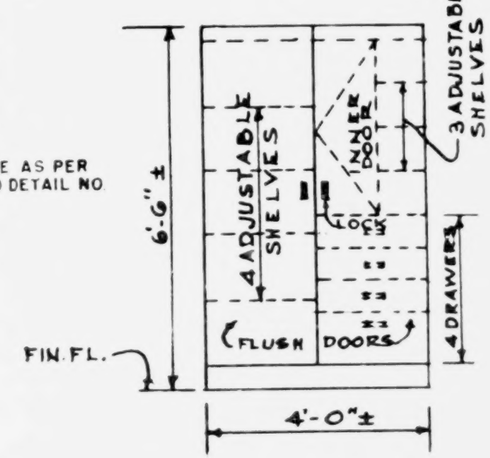
Veterans Administration STANDARD DETAIL



NOTE: ALL DOORS AND DRAWER FRONTS IN THIS ASSEMBLY SHALL BE FLUSH.

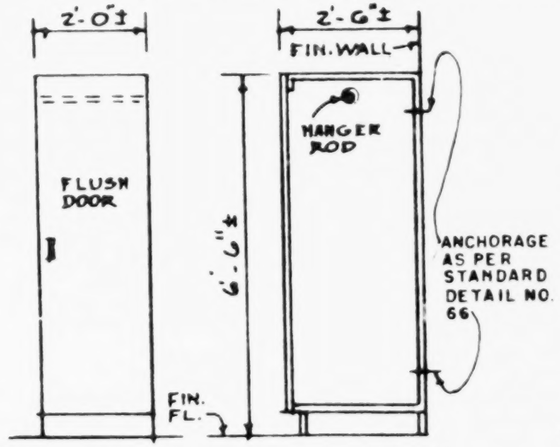


SECTION A-A



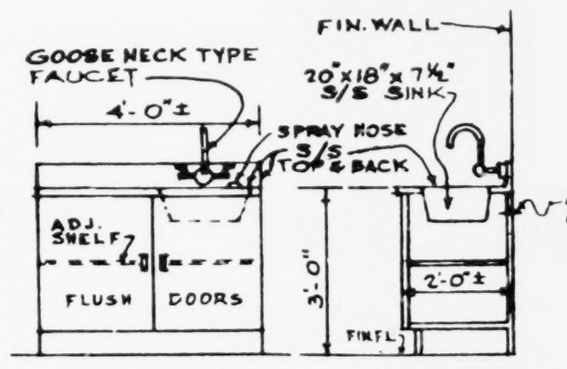
FRONT ELEVATION

R&S TYPE 1
(WARDROBE, VESTMENT AND STORAGE ASSEMBLY)



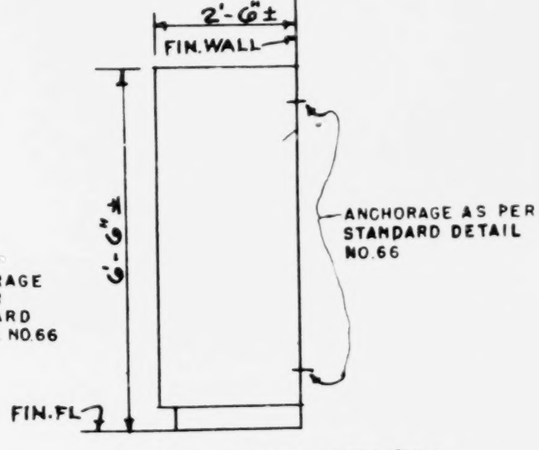
ELEVATION SECTION

R&S TYPE 2
(WARDROBE)



ELEVATION SECTION

R&S TYPE 3
(COUNTER WITH SINK)



SIDE ELEVATION

R&S TYPE 4
(SACRAMENTAL STORAGE UNIT)

NOTES

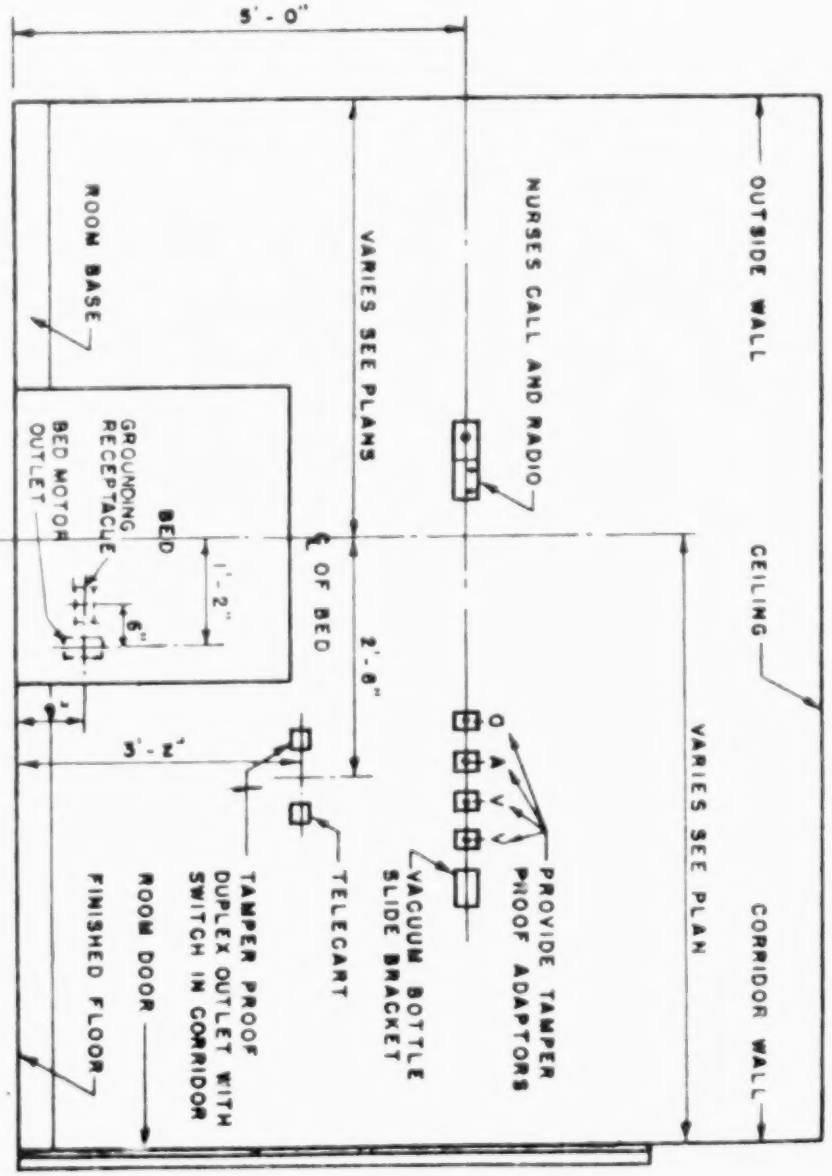
CASEWORK ITEMS SHOWN ON THIS SHEET SHALL BE OF PLASTIC LAMINATE MATERIAL AND CONSTRUCTION AS SPECIFIED. SEE ARCHITECTURAL DRAWINGS FOR ACTUAL ARRANGEMENT.

NOTE TO DRAFTSMAN: FOR ANCHORAGE TO WALL, SEE STANDARD DETAIL NO. 66.

TITLE: CHAPEL CASEWORK (R & S DETAILS)

DATE ISSUED: APRIL '80 — INTERIM COPY — REVISION

25D Veterans Administration STANDARD DETAIL



ELEVATION OF WALL

LEGEND OF MEDICAL GAS PIPED OUTLETS:

A — AIR

O — OXYGEN

V — VACUUM

Veterans Administration STANDARD DETAIL

26A

BED WALL OUTLETS - SECURITY ROOM (M.S.&N. NURSING UNIT)

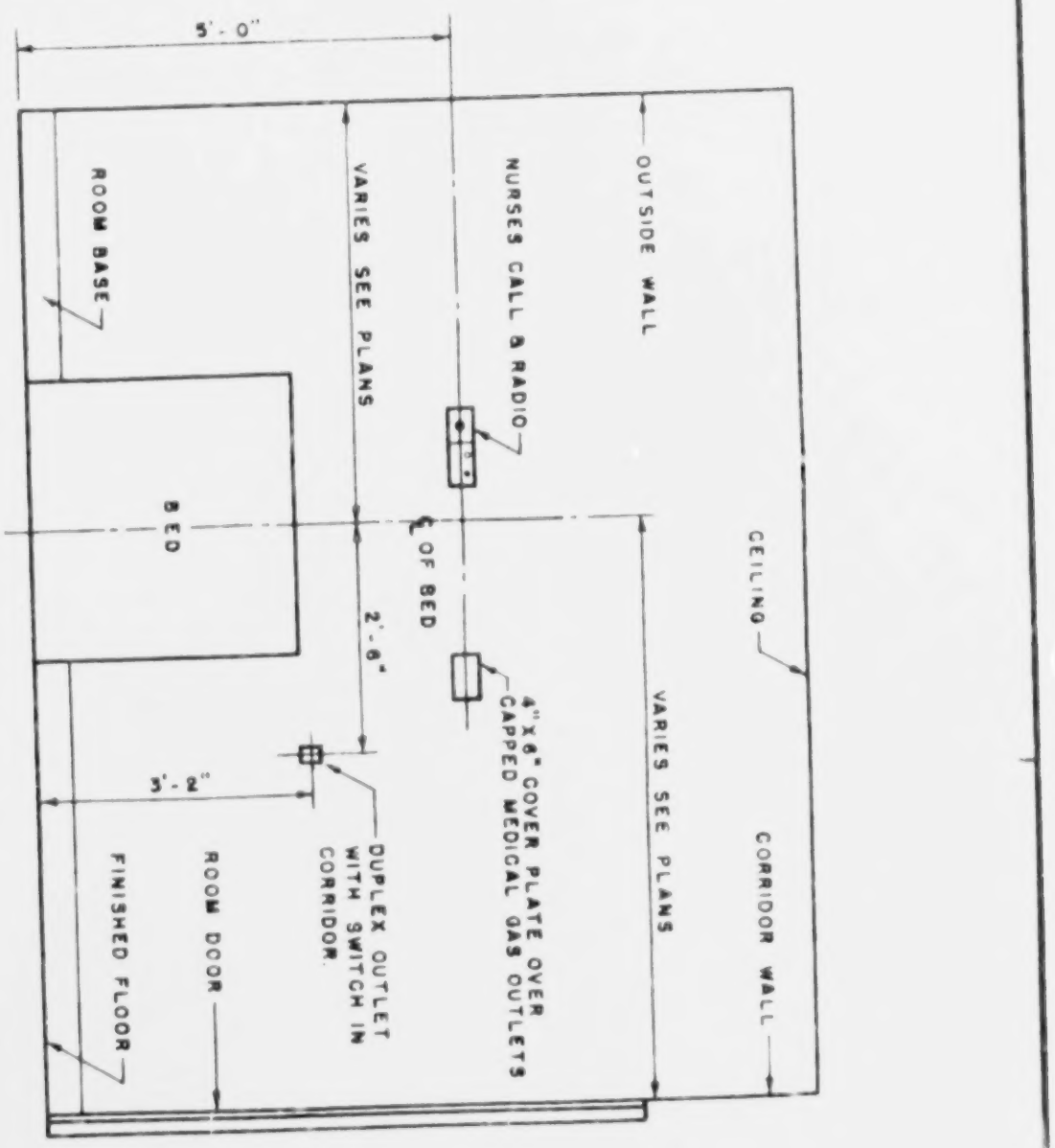
TITLE

DATE ISSUED JULY '69

REVISION

NOTES

1. FURNITURE, LOCATIONS ARE AFFECTED BY LOCATIONS OF WINDOWS, COLUMNS, PIPE FURRING ETC. SEE ARCHITECTURAL PLANS.
2. SEE PLUMBING AND ELECTRICAL DRAWINGS & SPECIFICATIONS FOR FURTHER INFORMATION REGARDING ELECTRICAL AND PLUMBING WORK.
3. NIGHT LIGHT SHALL BE 18" ABOVE FLOOR AND LOCATED ON WALL OPPOSITE ROOM DOOR. SEE ELECTRICAL DRAWINGS.



ELEVATION OF WALL

Veterans Administration STANDARD DETAIL

26D

BED WALL OUTLETS- SINGLE SECURITY BED ROOM, PSYCHIATRIC (GENERAL) NURSING UNIT

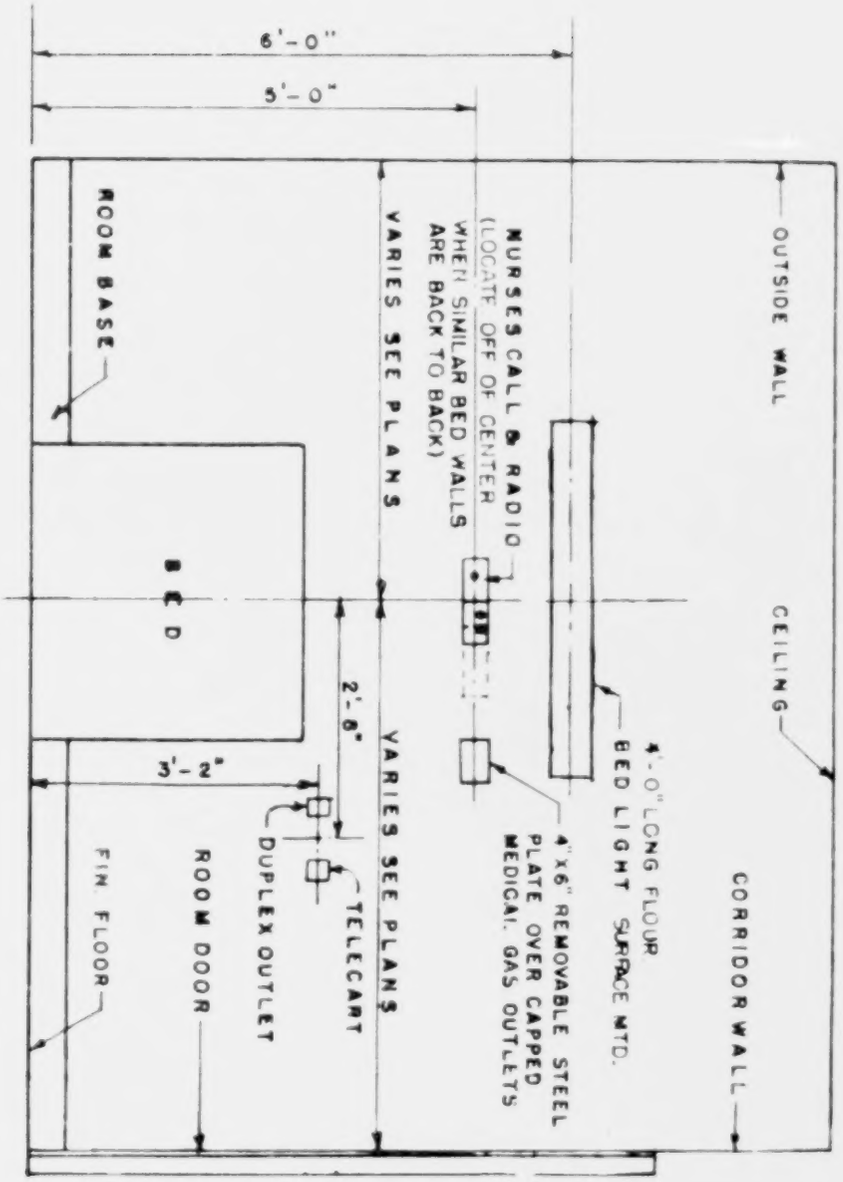
TITLE

DATE ISSUED JULY '69

REVISION

NOTES

1. FURNITURE, LOCATIONS ARE AFFECTED BY LOCATIONS OF WINDOWS, COLUMNS, PIPE FURRING ETC. SEE ARCHITECTURAL PLANS.
2. SEE PLUMBING AND ELECTRICAL DRAWINGS & SPECIFICATIONS FOR FURTHER INFORMATION REGARDING ELECTRICAL AND PLUMBING WORK.
3. NIGHT LIGHT SHALL BE 18" ABOVE FLOOR AND LOCATED ON WALL OPPOSITE ROOM DOOR. SEE ELECTRICAL DRAWINGS.



ELEVATION OF WALL

Veterans Administration STANDARD DETAIL

266

BED WALL OUTLETS- SERVING A SINGLE BED- PSYCHIATRIC (GENERAL) NURSING UNIT

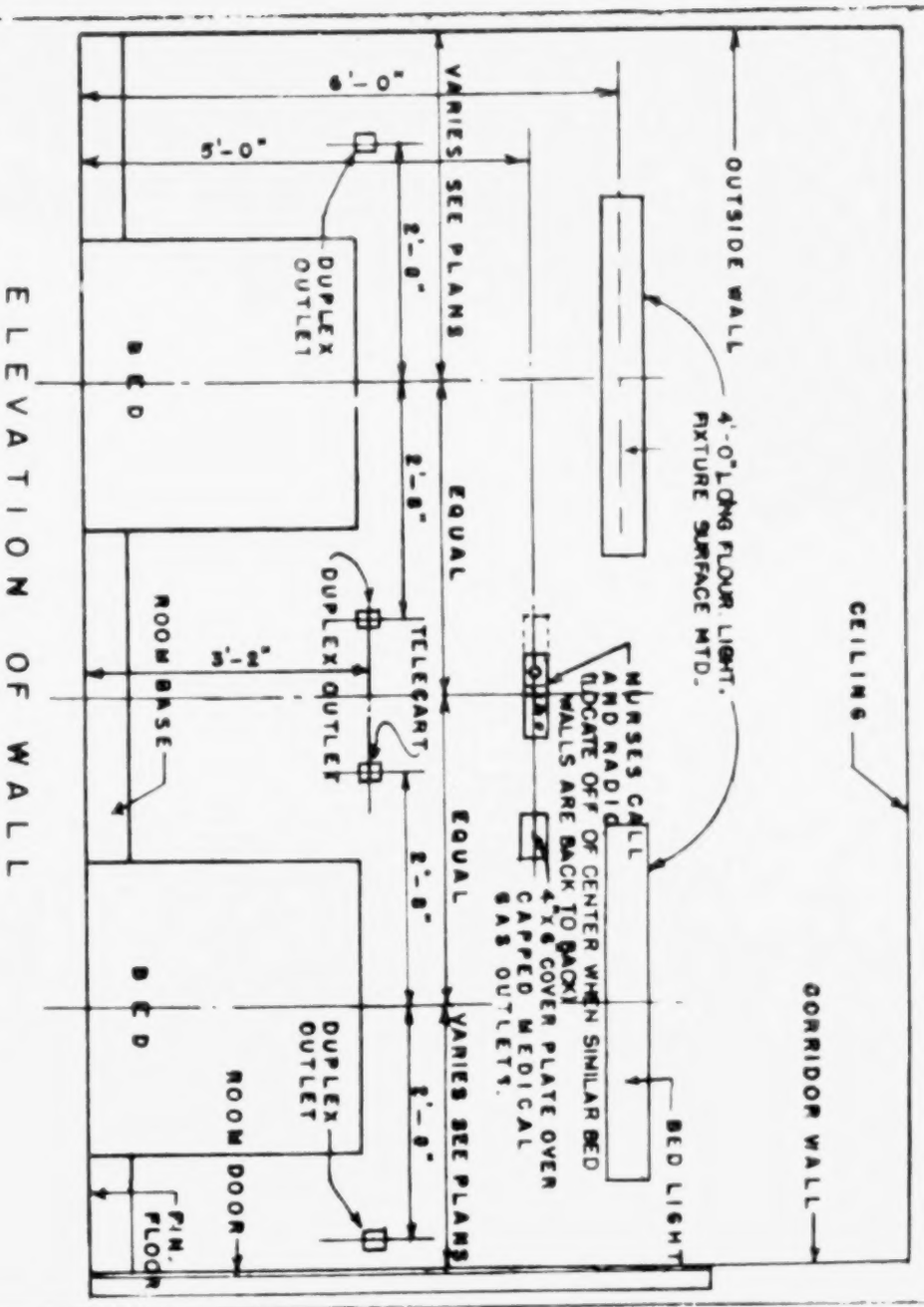
TITLE

DATE ISSUED MAR. '72

REVISION

NOTES

1. FURNITURE, LOCATIONS ARE AFFECTED BY LOCATIONS OF WINDOWS, COLUMNS, PIPE FURRING ETC. SEE ARCHITECTURAL PLANS.
2. SEE PLUMBING AND ELECTRICAL DRAWINGS & SPECIFICATIONS FOR FURTHER INFORMATION REGARDING ELECTRICAL AND PLUMBING WORK.
3. NIGHT LIGHT SHALL BE 18" ABOVE FLOOR AND LOCATED ON WALL OPPOSITE ROOM DOOR. SEE ELECTRICAL DRAWINGS.



ELEVATION OF WALL

Veterans Administration STANDARD DETAIL

26H

BED WALL OUTLETS SERVING TWO BEDS- PSYCHIATRIC (GENERAL) NURSING UNIT

TITLE

DATE ISSUED MAR. '78

REVISION

NOTES

1. FURNITURE, LOCATIONS ARE AFFECTED BY LOCATIONS OF WINDOWS, COLUMNS, PIPE FURRING ETC. SEE ARCHITECTURAL PLANS.
2. SEE PLUMBING AND ELECTRICAL DRAWINGS & SPECIFICATIONS FOR FURTHER INFORMATION REGARDING ELECTRICAL AND PLUMBING WORK.
3. NIGHT LIGHT SHALL BE 18" ABOVE FLOOR AND LOCATED ON WALL OPPOSITE ROOM DOOR. SEE ELECTRICAL DRAWINGS.

PLAN

ELEVATION

SECTION 1

SECTION 2

NOTES

1. Details to be modified to reflect finishes, partition types & other conditions peculiar to each project.

TYPICAL COMMUNICATION CENTER COUNTER PLANS

COMMUNICATION CENTER COUNTER

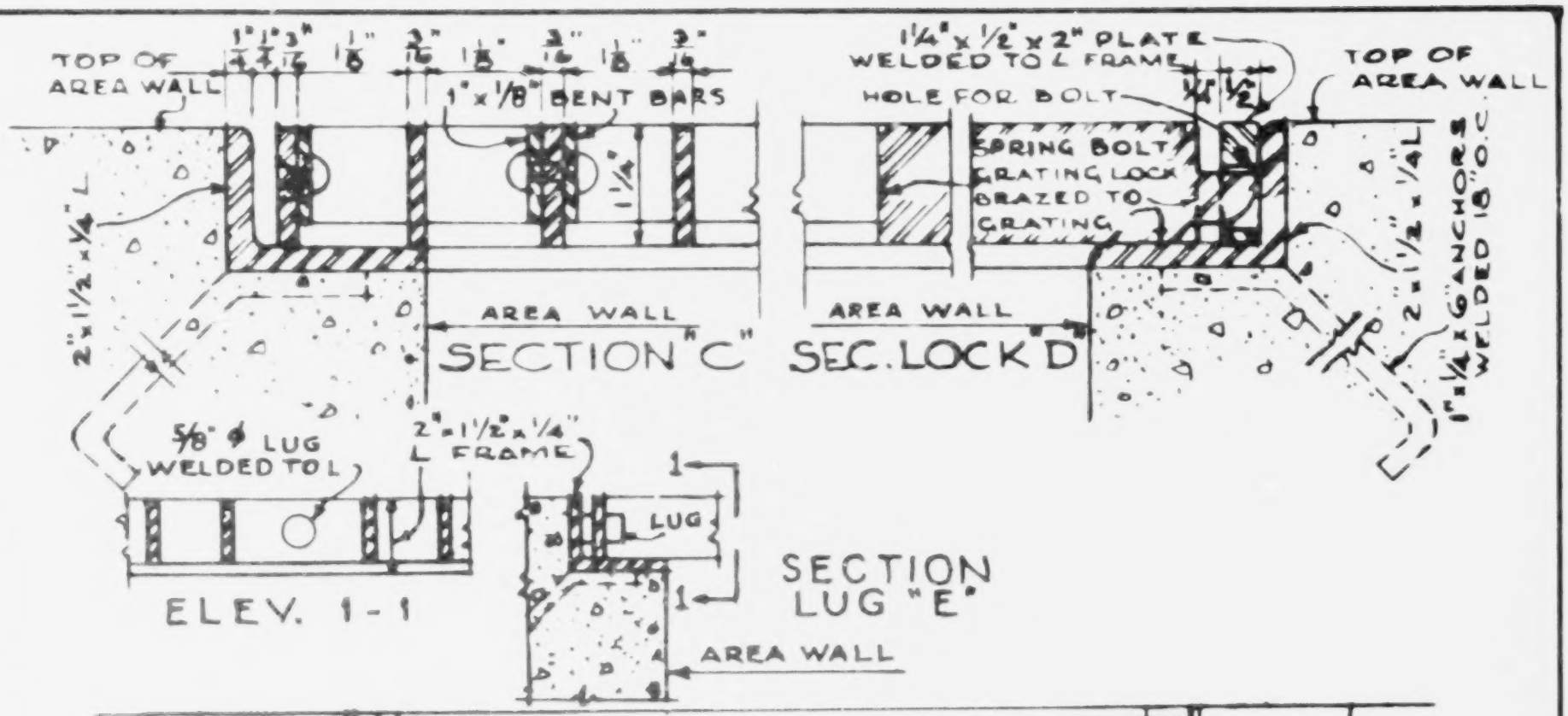
for all Nursing Unit types and the Emergency and Evaluation Area of Ambulatory Care.

TITLE

DATE ISSUED Jan. 81 REVISION May 87

27

Veterans Administration STANDARD DETAIL



TYPICAL PLAN

NOTE:

1. GRATINGS TO BE REMOVABLE UNLESS OTHERWISE SHOWN OR NOTED.
2. SEE PLANS FOR LOCATIONS OF HINGED OR FIXED UNITS OF GRATINGS.
3. PROVIDE HINGES AND LOCKS AS SPECIFIED FOR HINGED UNITS.
4. EXCEPT WHERE GRATINGS ARE NOTED ON PLANS AS HINGED OR FIXED THEY ARE TO BE PROVIDED WITH LUGS AND LOCKS AS SPECIFIED.
5. SEE ARCHITECTURAL AND/OR STRUCTURAL PLANS FOR SIZE AND LOCATION OF AREAS.
6. SEE STRUCTURAL DRAWINGS FOR THICKNESS OF CONCRETE AREA WALLS AND FOR REINFORCING OF SAME.
7. OTHER DESIGNS OF GRATING MAY BE USED, SEE SPECIFICATIONS.

AREA GRATING TYPE "A"

28

PLAN

ELEVATION OF SCREEN DOOR

SECTION A-A
(HEAD AND SILL SIMILAR)

SECTION A-A
WHERE EXIT OCCURS
ABOVE GRADE

NOTES

SEE ARCHITECTURAL AND/OR STRUCTURAL DRAWINGS FOR LOCATION OF THESE AREAS. OTHER GRATING DESIGNS MAY BE USED. SEE SPECIFICATIONS. SIZE OF AREAS FOR EMERGENCY EXITS TO BE AS SHOWN ABOVE UNLESS OTHERWISE SHOWN ON ARCHITECTURAL AND/OR STRUCTURAL DRAWINGS. ALL METAL OF DOOR AND FRAME TO BE GALVANIZED, METAL OF INSECT SCREEN TO BE AS SPEC'D, SEE STANDARD DETAIL 28 FOR OTHER SECTIONS & NOTES APPLICABLE TO THIS DWG.

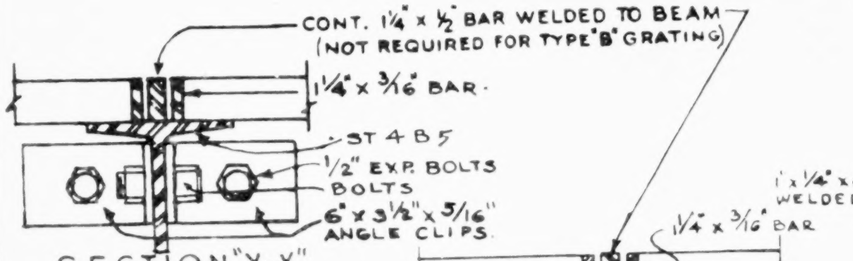
AREA GRATING TYPE "C" (EMERGENCY EXIT FROM PIPE BASEMENT

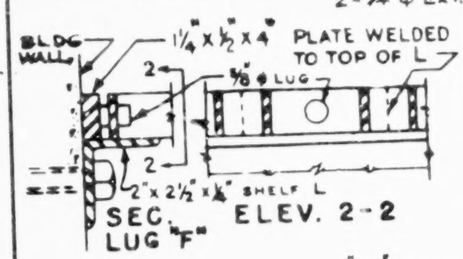
TITLE

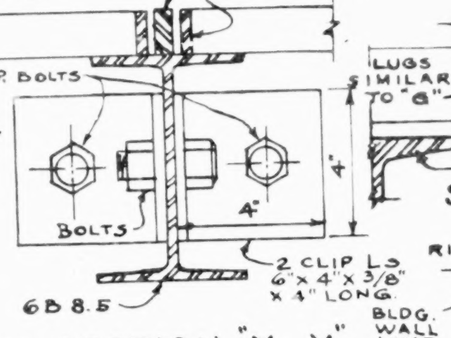
DATE ISSUED APRIL '80 | INTERIM COPY REVISION

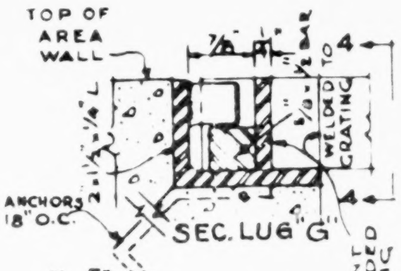
28 4

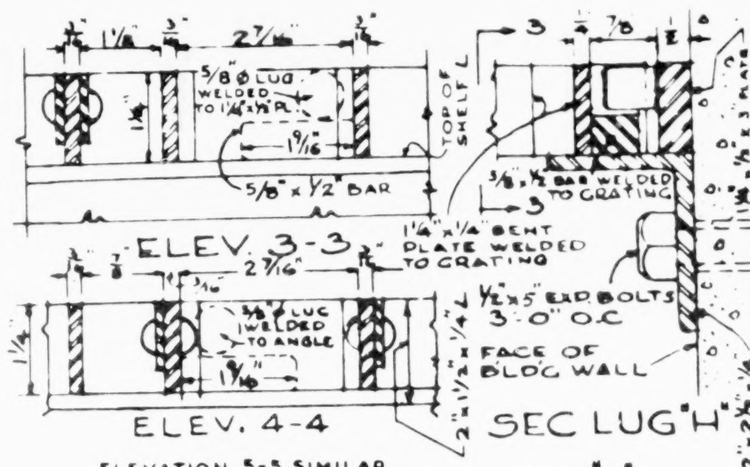
Veterans Administration STANDARD DETAIL

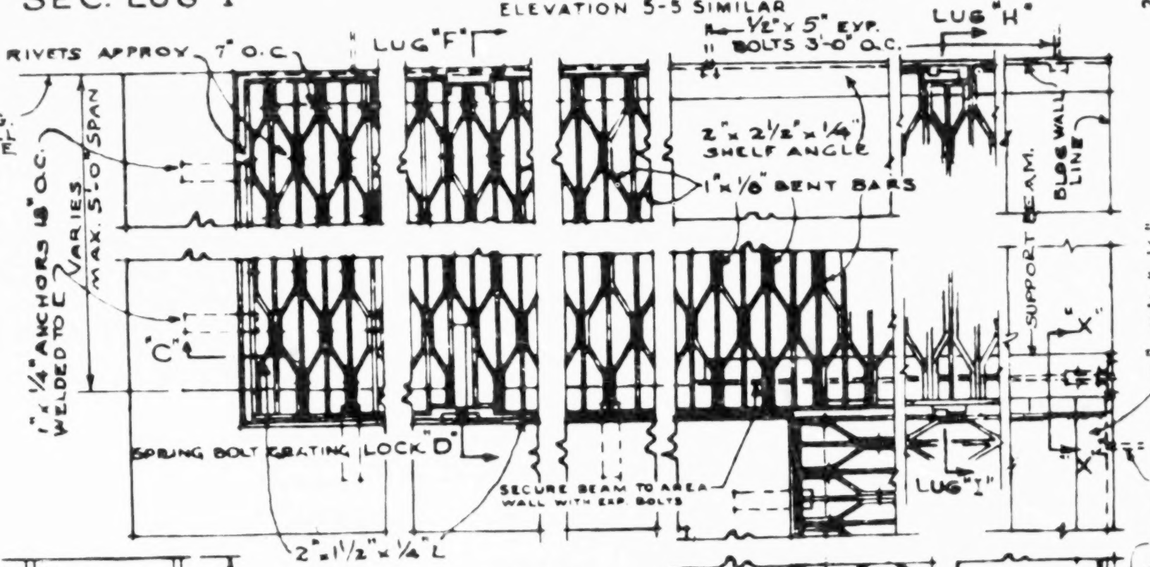


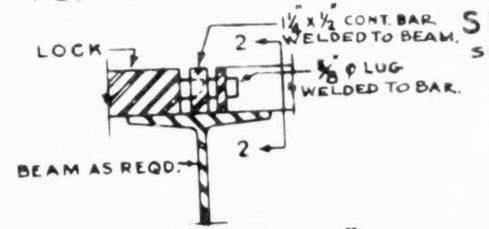


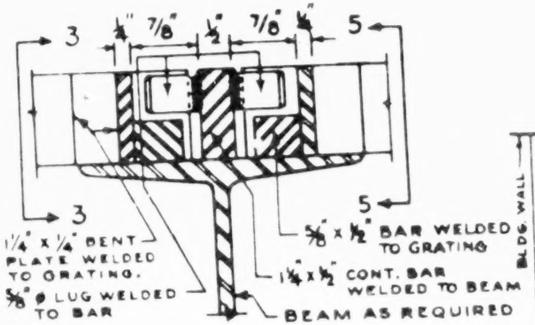


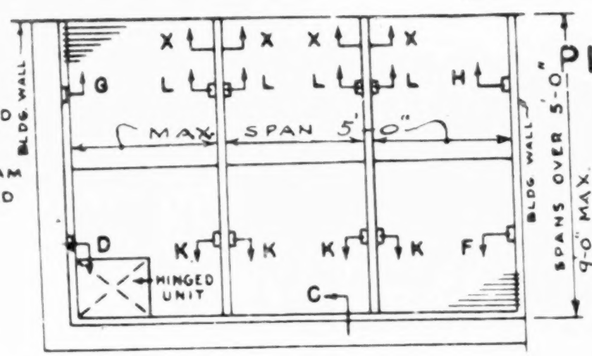












NOTES: (CONT.)
(SHOWN IN SECTION "X-X") SHALL BE REMOVABLE.
7. REMOVABLE MEMBERS SHALL BE SECURED TO CLIP ANGLES WITH BOLTS.
8. SEE ARCHITECTURAL AND/OR STRUCTURAL PLANS FOR SIZE 8, LOCATION OF AREAS.
9. SEE STRUCTURAL DWGS. FOR THICKNESS OF CONCRETE AREA WALLS AND FOR REINFORCEMENT OF SAME.
10. WHERE FACE BRICK OCCURS, EXPANSION BOLTS SHALL BE A MINIMUM OF 5" LONG.

NOTES
1. SEE SHEET NO. 28 FOR SEC. "C" & LOCK "D".
2. GRATINGS SHALL BE REMOVABLE UNLESS OTHERWISE SHOWN OR NOTED.
3. SEE PLANS FOR LOCATIONS OF HINGED OR FIXED UNITS OF GRATINGS.
4. PROVIDE HINGES AND LOCKS AS SPECIFIED FOR HINGED UNITS.
5. PROVIDE LUGS AND LOCKS AS SPECIFIED FOR REMOVABLE UNITS.
6. WHERE MULTIPLE GRATINGS ARE NOTED OR PLANS TO BE REMOVABLE, ALL STRUCTURAL MEMBERS (CONT.)

AREA GRATING
TYPES "B & D"

TITLE

DATE ISSUED APRIL '60 | INTERIM COPY
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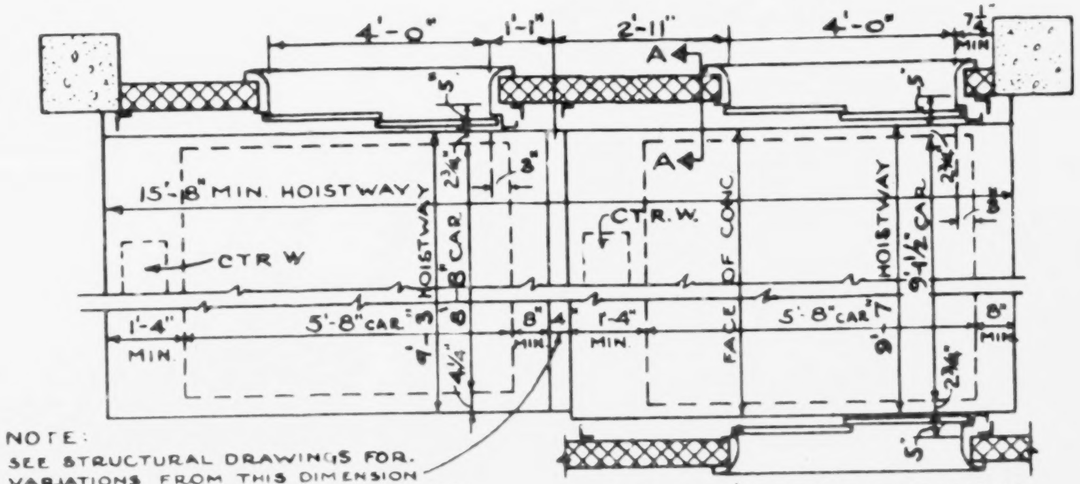
28B

Veterans Administration STANDARD DETAIL



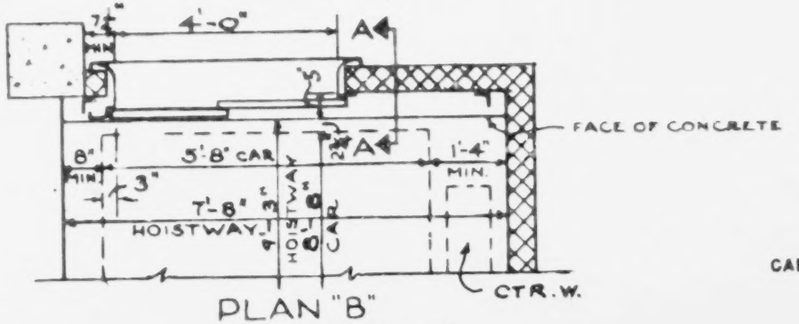
NOTE:
SEE STRUCTURAL DRAWINGS FOR VARIATIONS FROM THIS DIMENSION WHEN SECONDARY SLAB IS OMITTED AT TOP OF HOISTWAY.

FRONT & REAR ENTRANCES
(ALSO APPLIES TO PLANS "B" & "C")
AVOID REAR ENTRANCES IF POSSIBLE

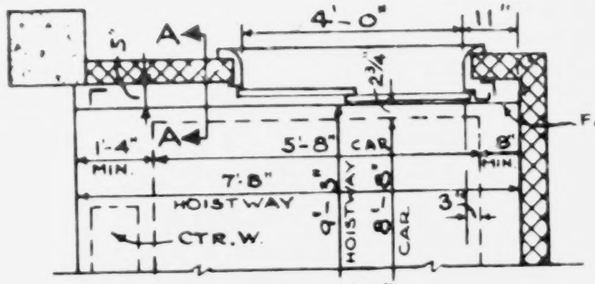
(5'-8" x 6'-8" CAR)

(5'-8" x 9'-1½" CAR)

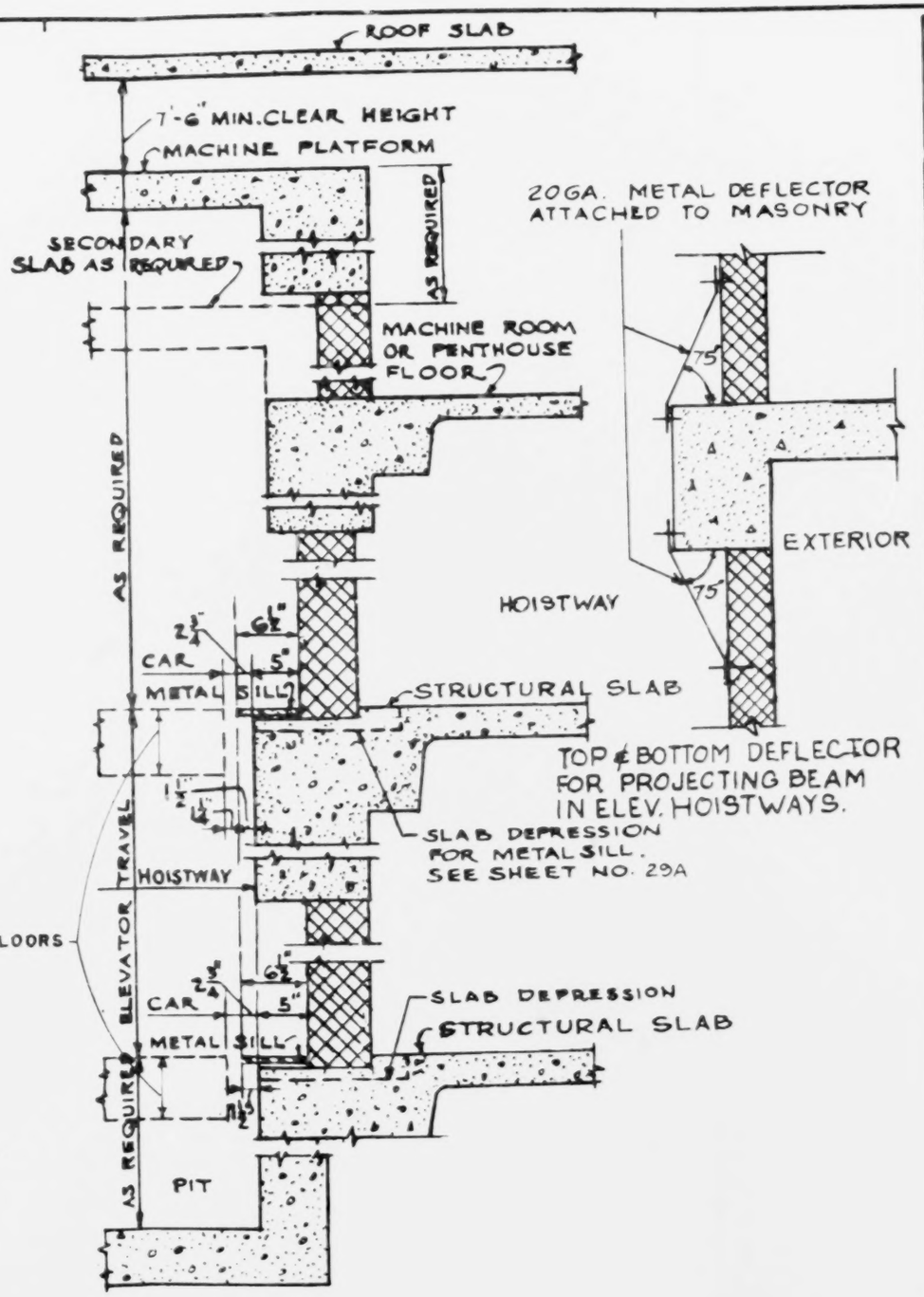
PLAN "A"



PLAN "B"
(5'-8" x 8'-8" CAR)



PLAN "C"
(5'-8" x 8'-8" CAR)



SECTION "A-A"

NOTES

1. SEE ARCHITECTURAL DRAWINGS FOR WALL TYPE & FINISH.
2. SEE STRUCTURAL DRAWINGS FOR ACTUAL SIZE & LOCATION OF COLUMNS, BEAMS & SLABS.
3. SEE SHEET 29A FOR ELEVATIONS & DETAILS OF TWO SPEED SLIDING DOORS.

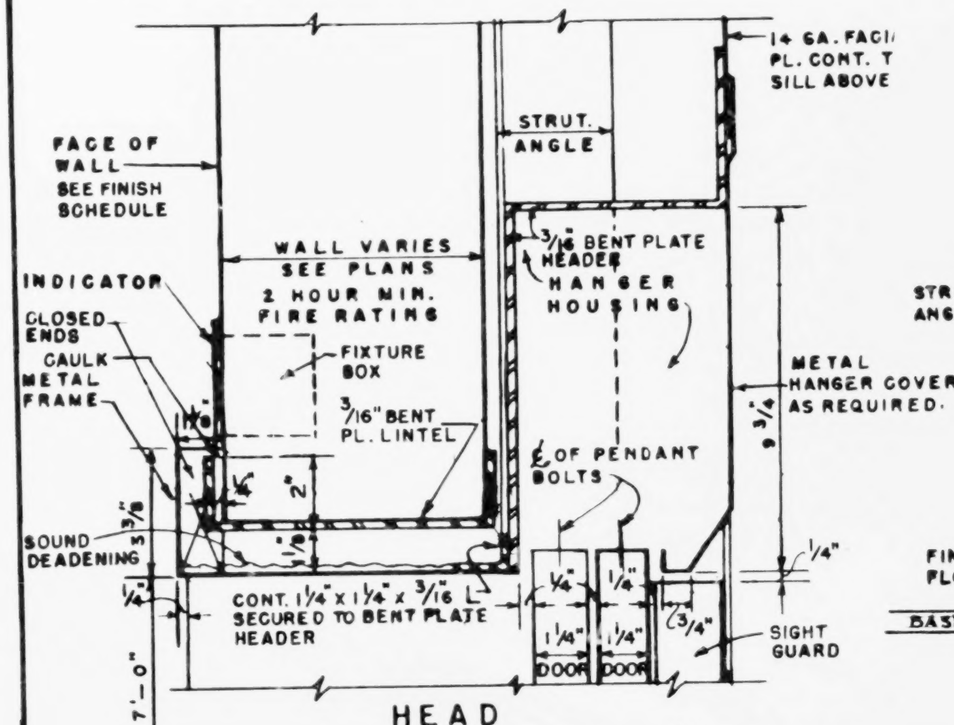
ELEVATORS, PASSENGER
(TWO SPEED SLIDING DOORS)

TITLE

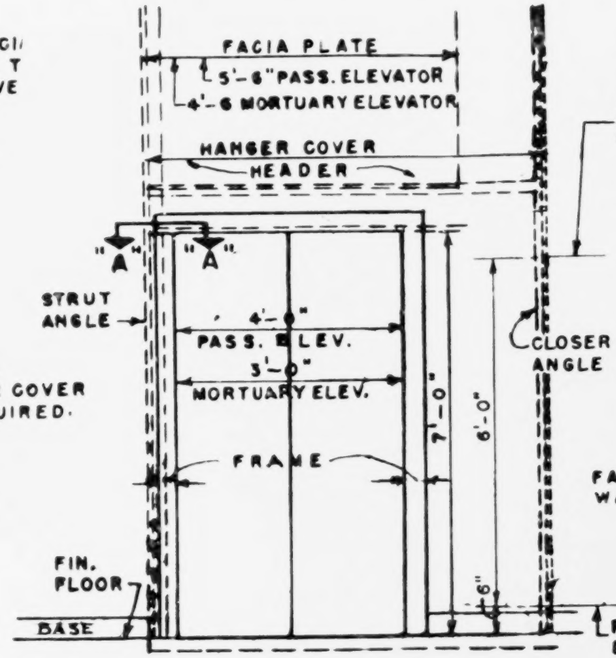
DATE ISSUED APRIL '80 | INTERIM COPY | REVISION

29

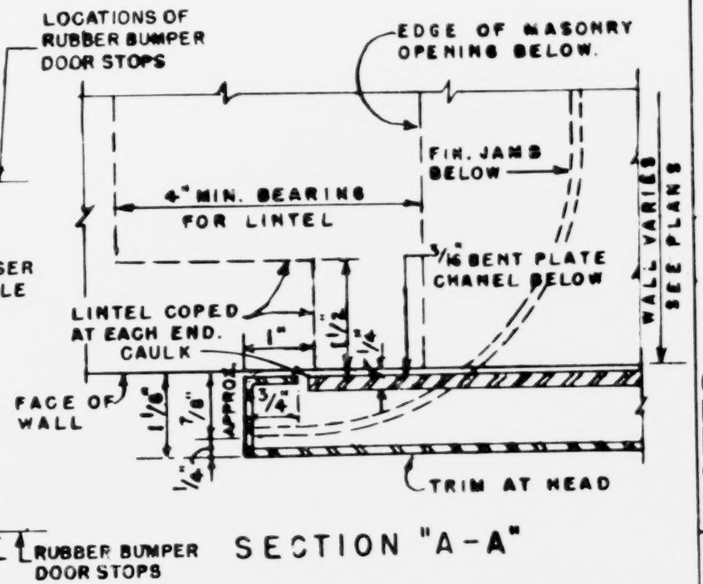
Veterans Administration STANDARD DETAIL



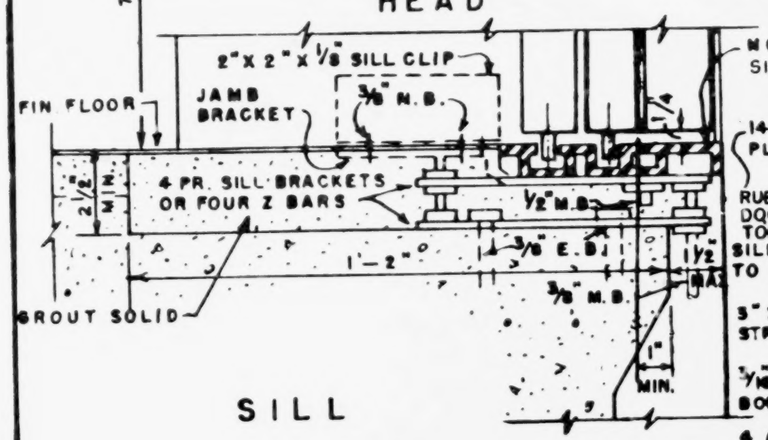
HEAD



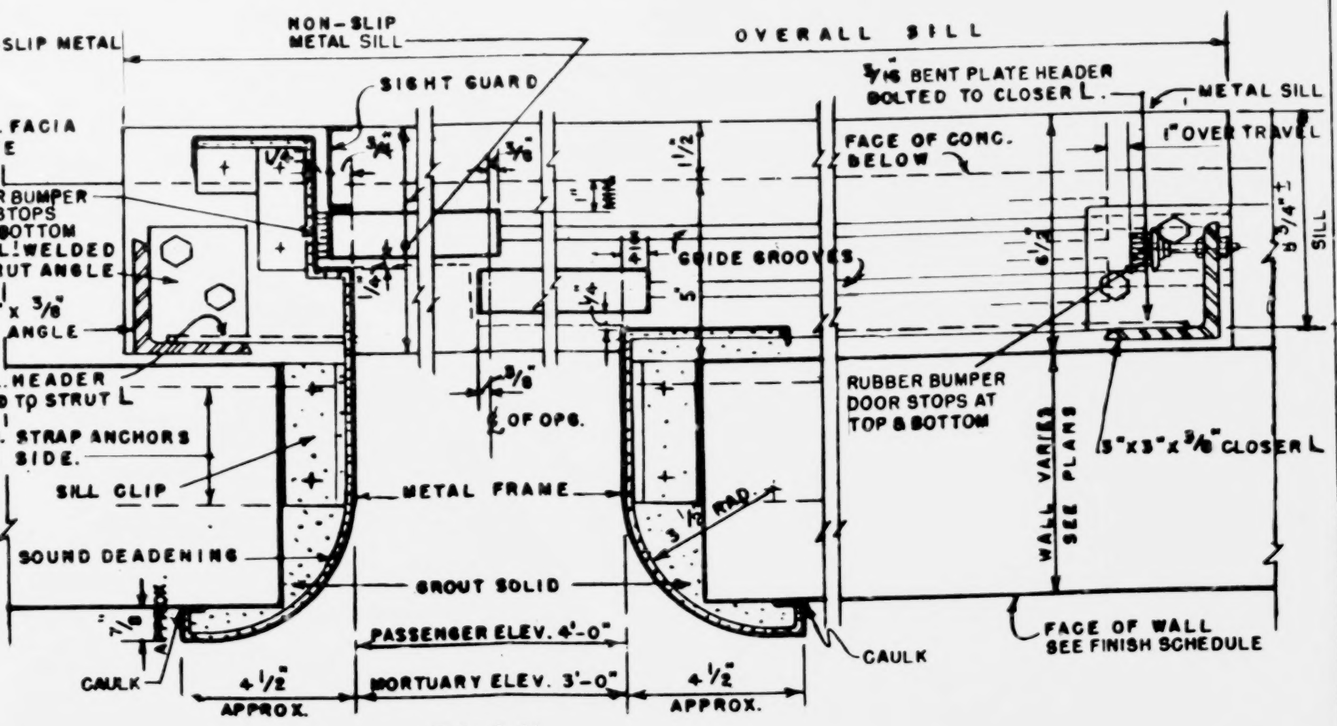
ELEVATION OF DOORS



SECTION "A-A"



SILL



PLAN

NOTES

HEAD AND JAMBS OF FINISHED FRAME SHALL BE SECURED TOGETHER WITH CONTINUCUS WELD.

ALL METAL BASES AND FINISHES OF FRAME AND DOORS AS SPECIFIED.

FOR TOP FLOOR DUST COVER AND BOTTOM FLOOR TOE GUARD, SEE STANDARD DETAIL Nº. 298.

DOORS MAY BE RIGHT OR LEFT HAND - ARCHITECT TO SPECIFY.

ELEVATORS, PASSENGER-ENTRANCE DETAILS

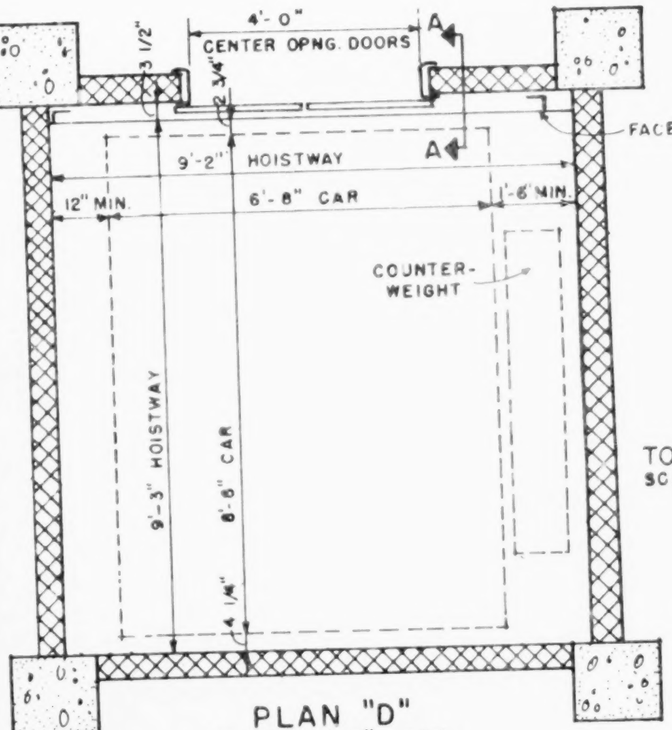
(TWO SPEED SLIDING DOORS)

TITLE

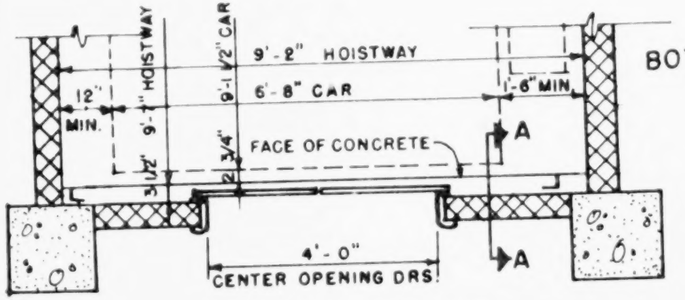
INTERIM COPY

DATE ISSUED APRIL '80 | REVISION

Veterans Administration STANDARD DETAIL 529



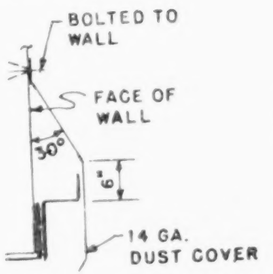
PLAN "D"
(6'-8" x 8'-8" CAR)



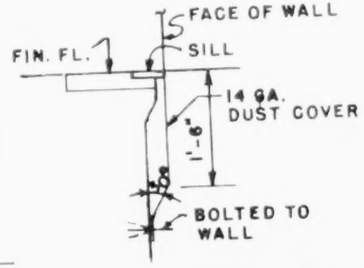
PLAN "E"
(6'-8" x 9'-1 1/2" CAR WITH FRONT AND REAR ENTRANCES)

NOTE: AVOID REAR ENTRANCE WHERE POSSIBLE.

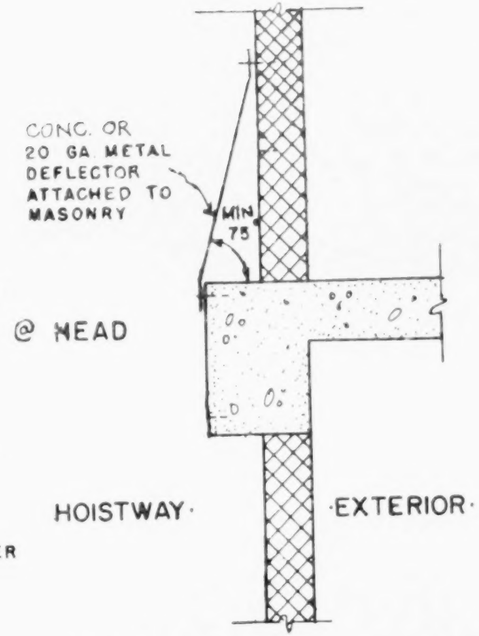
PLANS



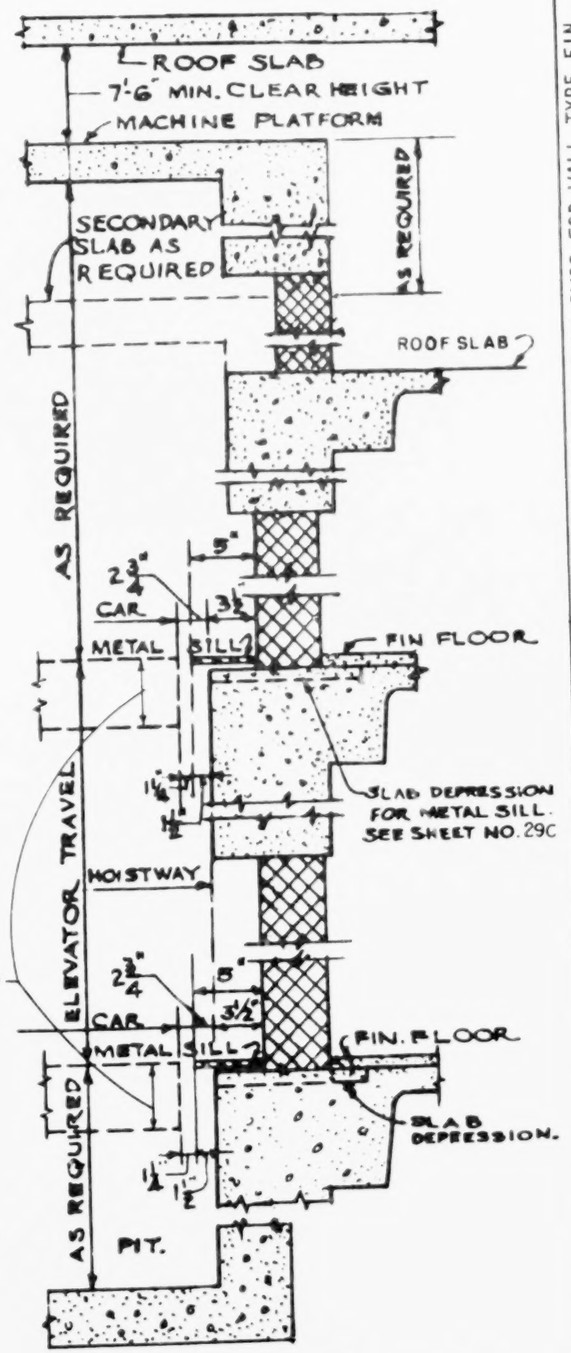
TOP FLOOR-DUST COVER @ HEAD
SCALE: 1/2" = 1'-0"



BOTTOM FL.-TOE GUARD @ SILL



TOP & BOTTOM DEFLECTOR FOR PROJECTING BEAM IN HOISTWAY



SECTION "A-A"

NOTES
1. SEE ARCH. DWGS FOR WALL TYPE FIN.
2. SEE STRUCT. DWGS. FOR ACTUAL SIZE & LOCATION OF COLUMNS, BEAMS & SLABS.
3. SEE SHT. NO. 29C FOR ELEV. & DETS. OF HORIZ. SLIDING CENTER OPENING DOORS.
4. UNASSOCIATED WATER PIPES, DUCT WORK, EQUIP., ETC. ARE NOT PERMITTED IN MACH. RMS. OR HOISTWAYS
5. CONC. MACH. RM. FL.(S) NOT TO BE POURED UNTIL MACHINES ARE ON MACHINE BEAMS.
6. MACH. RM.- APPROX. 225 SQ. FT. PER MACHINE.
7. TOP OF MACH. BEAMS SHALL BE FLUSH W/OR BELOW MACHINE RM. FL. SLAB.

ELEVATORS, SERVICE
(HORIZONTAL SLIDING CENTER OPENING DOORS)

TITLE

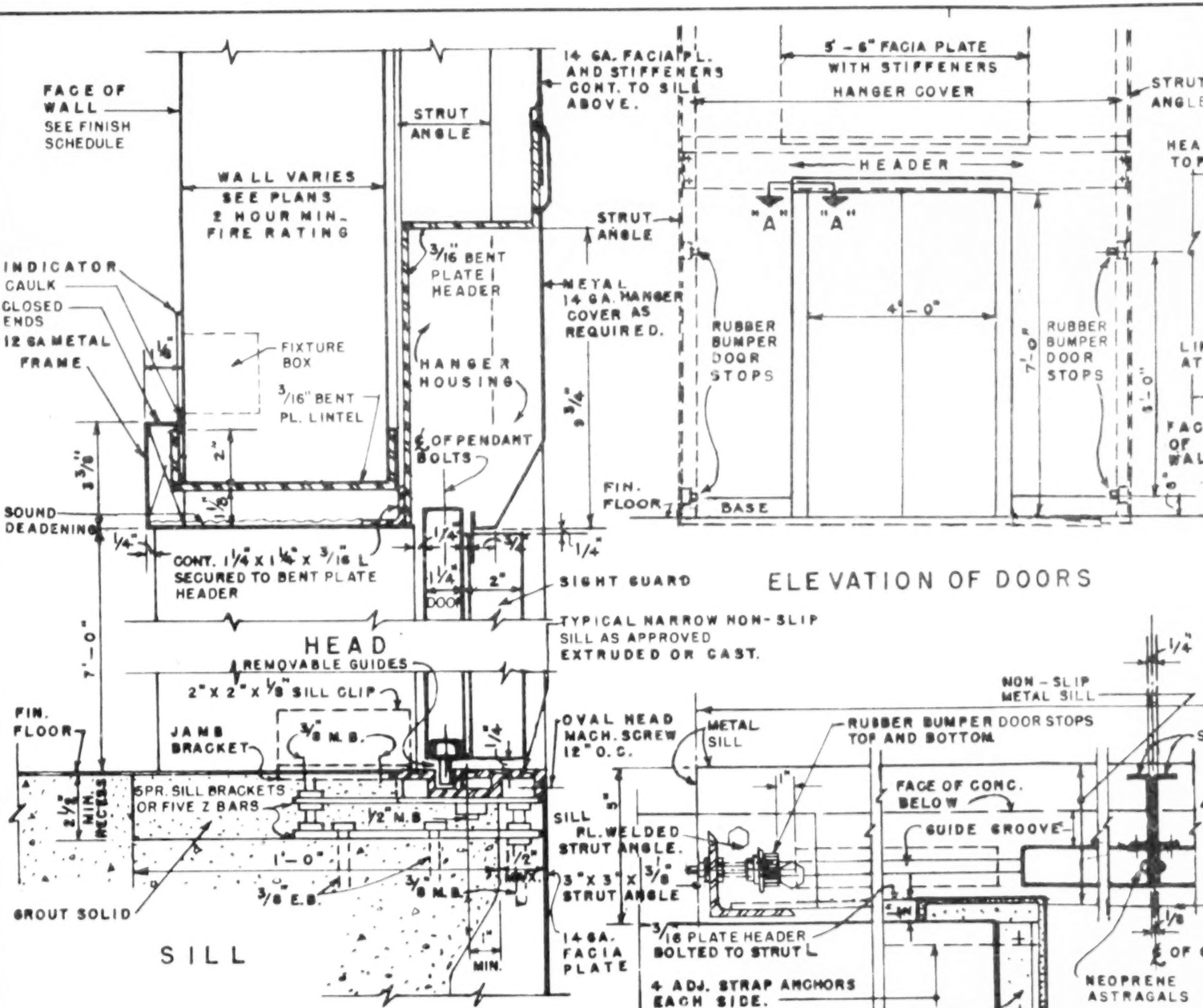
INTERIM COPY

DATE ISSUED APRIL '80

REVISION

B 29

Veterans Administration STANDARD DETAIL



NOTES

HEAD AND JAMBS OF FINISHED FRAME SHALL BE SECURED TOGETHER WITH CONTINUOUS WELD.

ALL METAL BASES AND FINISHES OF FRAME AND DOORS AS SPECIFIED.

ELEVATORS, SERVICE & PASSENGER ENTRANCE DETAILS

(HORIZONTAL SLIDING CENTER OPENING DOORS)

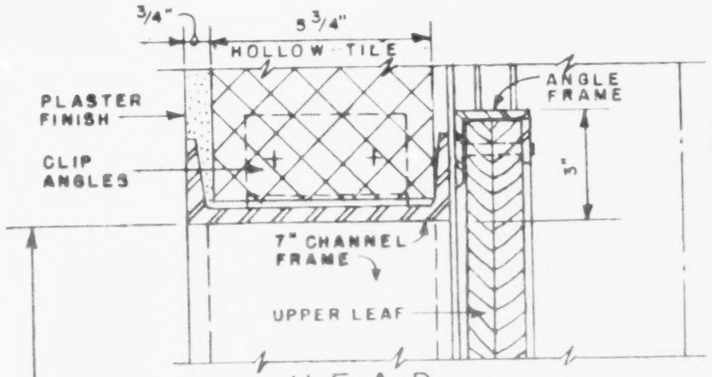
TITLE

INTERIM COPY

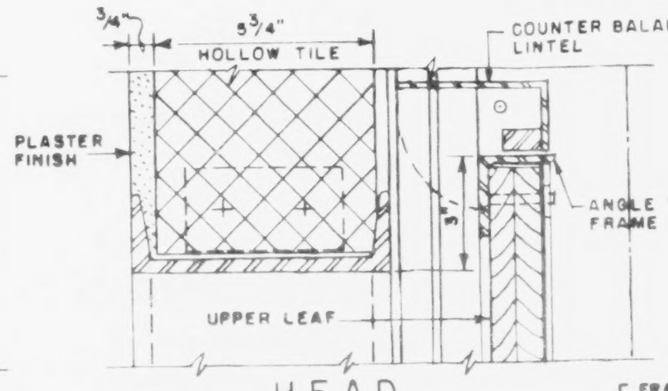
DATE ISSUED APRIL '80 | REVISION

29 C

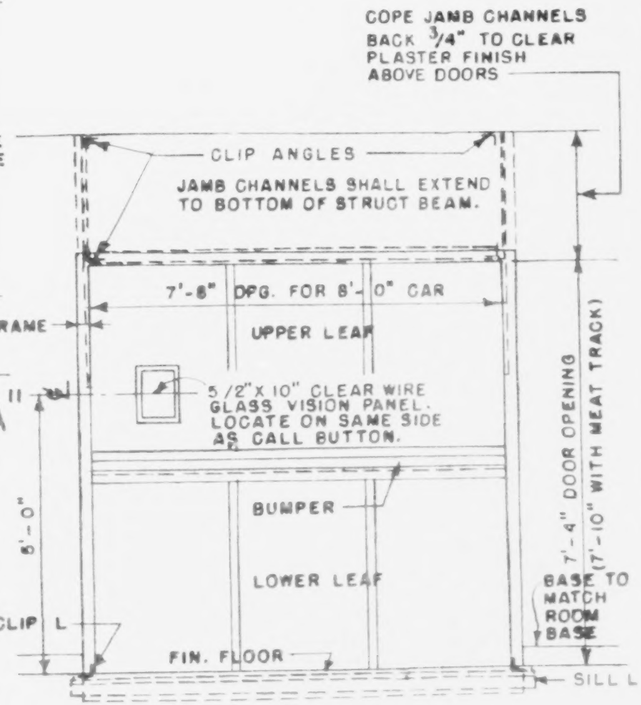
Veterans Administration STANDARD DETAIL



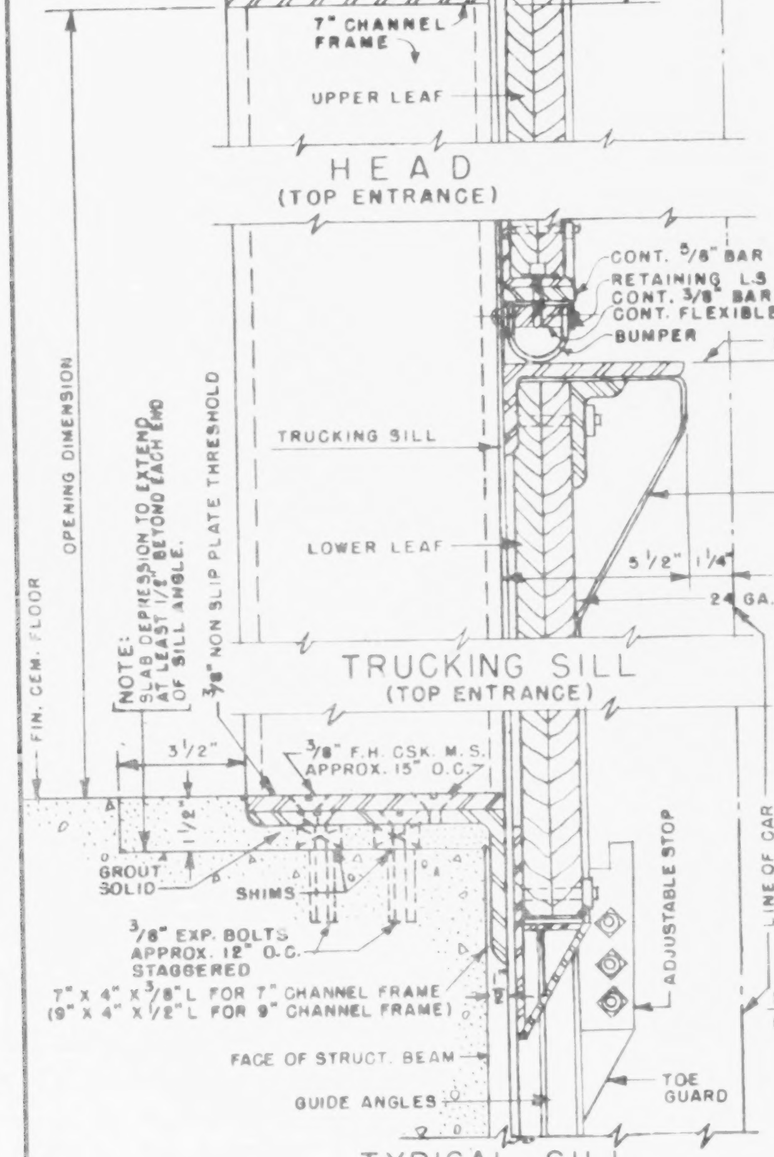
HEAD
(TOP ENTRANCE)



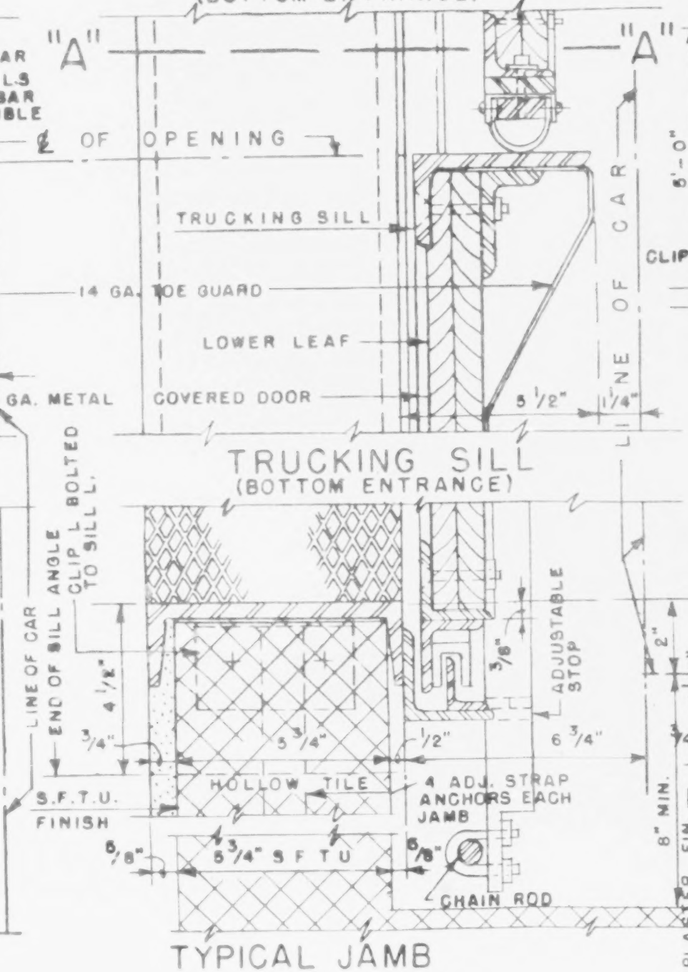
HEAD
(BOTTOM ENTRANCE)



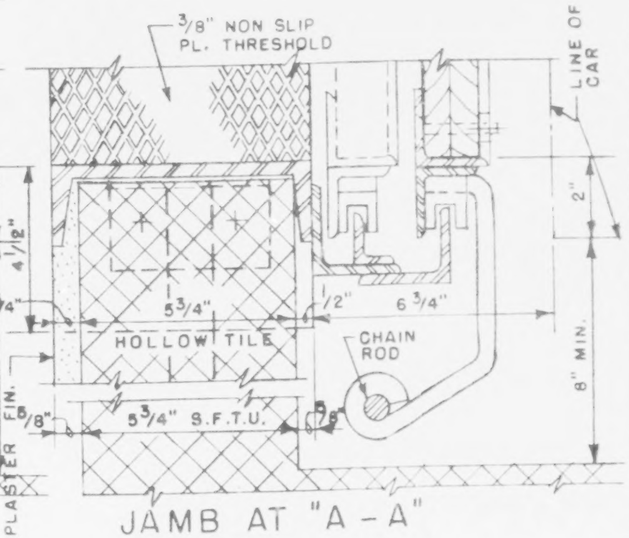
TYPICAL ELEVATION



TYPICAL SILL



TYPICAL JAMB



JAMB AT "A-A"

NOTES

1. PROVIDE 9" ℄ FRAME & 9" x 4" x 1/2" SILL ANGLE WHERE ELEVATOR ENTRANCE OCCURS IN 8" BRICK WALL.
2. CAULK AROUND EDGE OF ℄ FRAME WHERE S.F.T.U. FINISH OR EXPOSED MASONRY OCCURS.
3. PASS TYPE FREIGHT ELEVATOR DOORS TO BE USED WHERE STORY HEIGHT WILL NOT PERMIT CLEARANCE BETWEEN DOORS OF TOP AND BOTTOM ENTRANCES WHEN ONE IS OPEN.

VERTICAL SLIDING BI-PARTING PASS-TYPE FREIGHT ELEVATOR DOORS

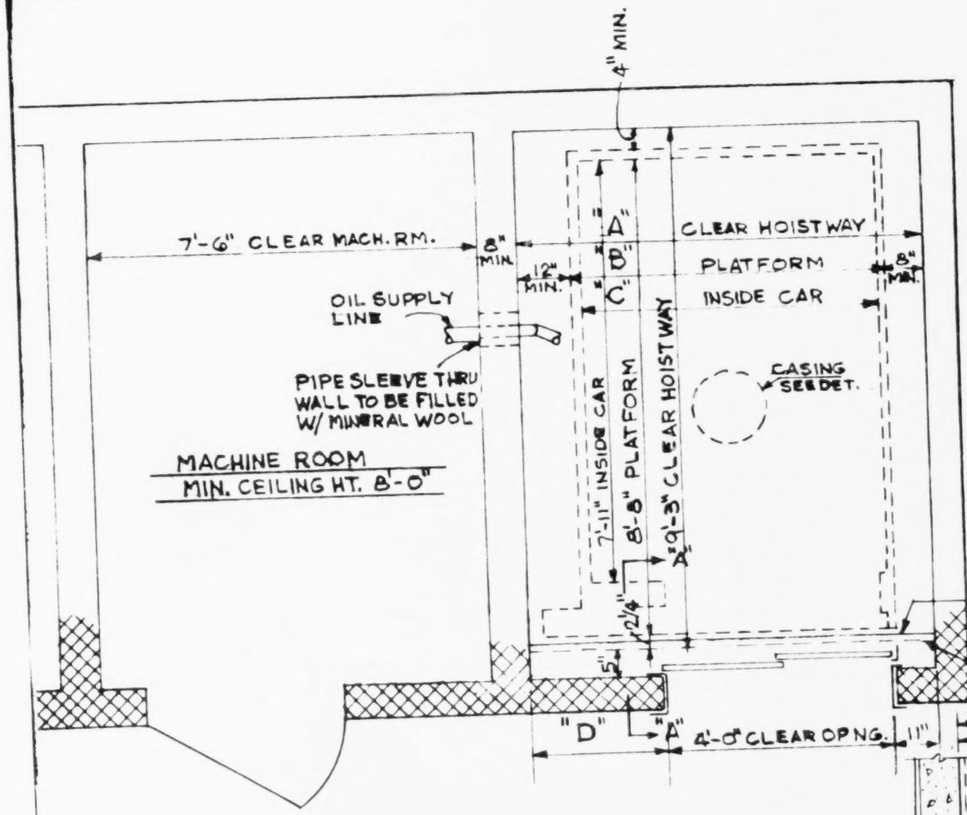
TITLE

DATE ISSUED DEC. '81 | REVISION

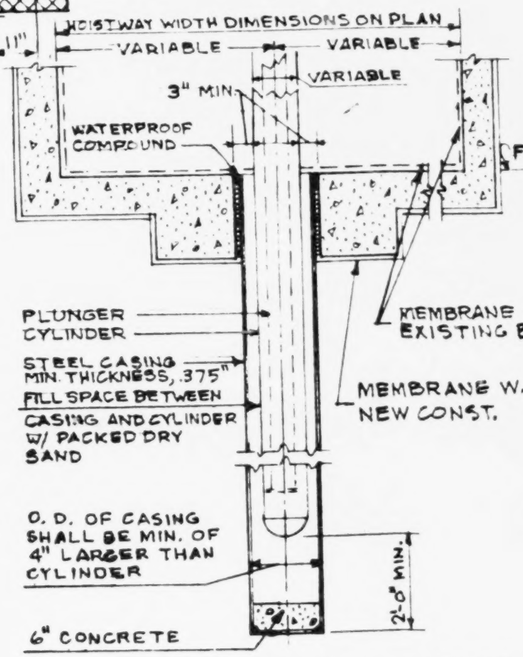
29D

Veterans Administration STANDARD DETAIL

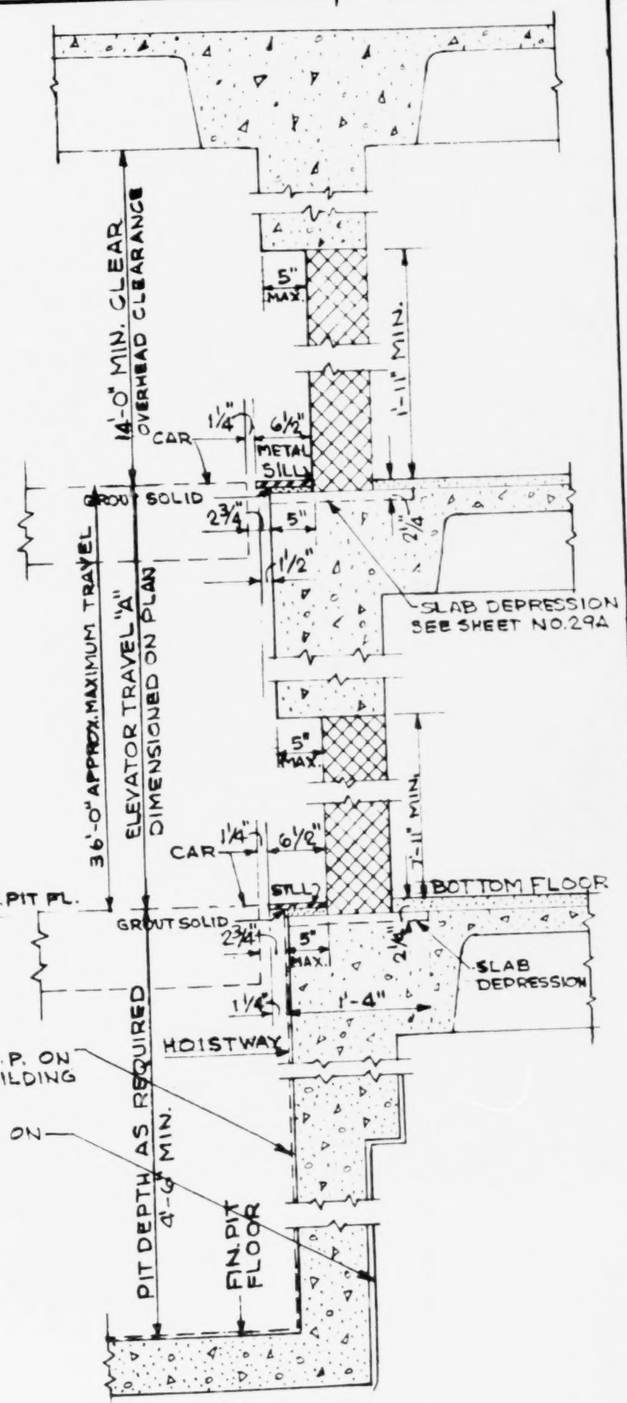
VARIABLE CAR DIMENSIONS		
	4000LB. CAP.	5000LB. CAP.
A	7'-4"	8'-4"
B	5'-8"	6'-8"
C	5'-4"	6'-4"
D	2'-5"	3'-5"



PLAN OF ELEVATOR AT BOTTOM FLOOR



DETAIL OF WELL CASING AND PLUNGER ASSEMBLY



SECTION "A-A"

NOTES

1. SEE SPECIFICATIONS SECTION 9XD FOR CORROSION PREVENTIVE TREATMENT OF CASING AND HYDRAULIC CYLINDER.
2. UNASSOCIATED WATER PIPES, DUCTWORK, EQUIPMENT, ETC. ARE NOT PERMITTED IN MACHINE ROOM OR HOISTWAYS.
3. DOORS MAY BE DESIGNED TO SLIDE RIGHT OR LEFT. ARCHITECT TO INDICATE.

ELEVATORS, HYDRAULIC

PLAN & SECTION

INTERIM COPY

DATE ISSUED	REVISION
APRIL '80	

TITLE

Veterans Administration STANDARD DETAIL

29 E

SCHEDULE OF APPROXIMATE OVERHEAD HEIGHTS AND PIT DEPTHS FOR 4000# CAPACITY PASSENGER ELEVATORS

OVERHEAD MACHINES

SPEEDS FT. PER MIN.	TYPE OF MACHINE	DISTANCE FROM TOP LANDING TO FIN. MACHINE ROOM FLOOR OR PLATFORM		DISTANCE FROM TOP OF FINISHED MACHINE FLOOR TO UNDERSIDE OF SECONDARY SLAB.	PITS
		WITHOUT SECONDARY SLAB	WITH SECONDARY SLAB		
100	GEARED	16'-6"			5'-6"
150	"	16'-6"			5'-6"
200	"	16'-6"			5'-6"
250	"	18'-0"			7'-0"
300	"	18'-0"			7'-0"
350	"	18'-6"			7'-0"
400	GEARLESS		24'-3"	6'-3"	8'-8"
450	"		24'-3"	6'-3"	8'-8"
500	"		25'-3"	6'-3"	10'-0"
600	"		27'-0"	6'-3"	12'-6"
700	"		28'-0"	6'-3"	12'-6"

CLEAR MACHINE ROOM WITHOUT TROLLEY BEAMS 7'-6" MIN.
CLEAR MACHINE ROOM WITH TROLLEY BEAMS 10'-0" MIN.

Veterans Administration STANDARD DETAIL 29F

ELEVATOR HOISTWAYS

(PASSENGER)

VERTICAL DIMENSIONS

TITLE

DATE ISSUED JUNE '80

REVISION

NOTES

1. ELEVATOR ENGINEER SHOULD BE CONSULTED RELATIVE TO CLEARANCES REQUIRED FOR SPECIFIC PROJECTS.

SCHEDULE OF APPROXIMATE OVERHEAD HEIGHTS AND PIT DEPTHS FOR 5000# CAPACITY SERVICE ELEVATORS

OVERHEAD MACHINES

SPEEDS FT. PER MIN.	TYPE OF MACHINE	DISTANCE FROM TOP LANDING TO FIN. MACHINE ROOM FLOOR OR PLATFORM		DISTANCE FROM TOP OF FINISHED MACHINE FLOOR TO UNDERSIDE OF SECONDARY SLAB.	PITS
		WITHOUT SECONDARY SLAB	WITH SECONDARY SLAB		
100	GEARED	16'-6"			5'-6"
150	"	16'-6"			5'-6"
200	"	18'-6"			5'-6"
250	"	18'-0"			7'-0"
300	"	18'-0"			7'-0"
350	"	18'-6"			7'-0"
400	GEARLESS		24'-3"	5'-3"	8'-8"
450	"		24'-3"	6'-3"	8'-8"
500	"		25'-3"	6'-3"	10'-0"
600	"		27'-0"	6'-3"	12'-6"
700	"		28'-0"	6'-3"	12'-6"

CLEAR MACHINE ROOM WITHOUT TROLLEY BEAMS 7'-6" MIN.
CLEAR MACHINE ROOM WITH TROLLEY BEAMS 10'-0" MIN.

29G
Veterans Administration STANDARD DETAIL

ELEVATOR HOISTWAYS

(SERVICE)

VERTICAL DIMENSIONS

TITLE

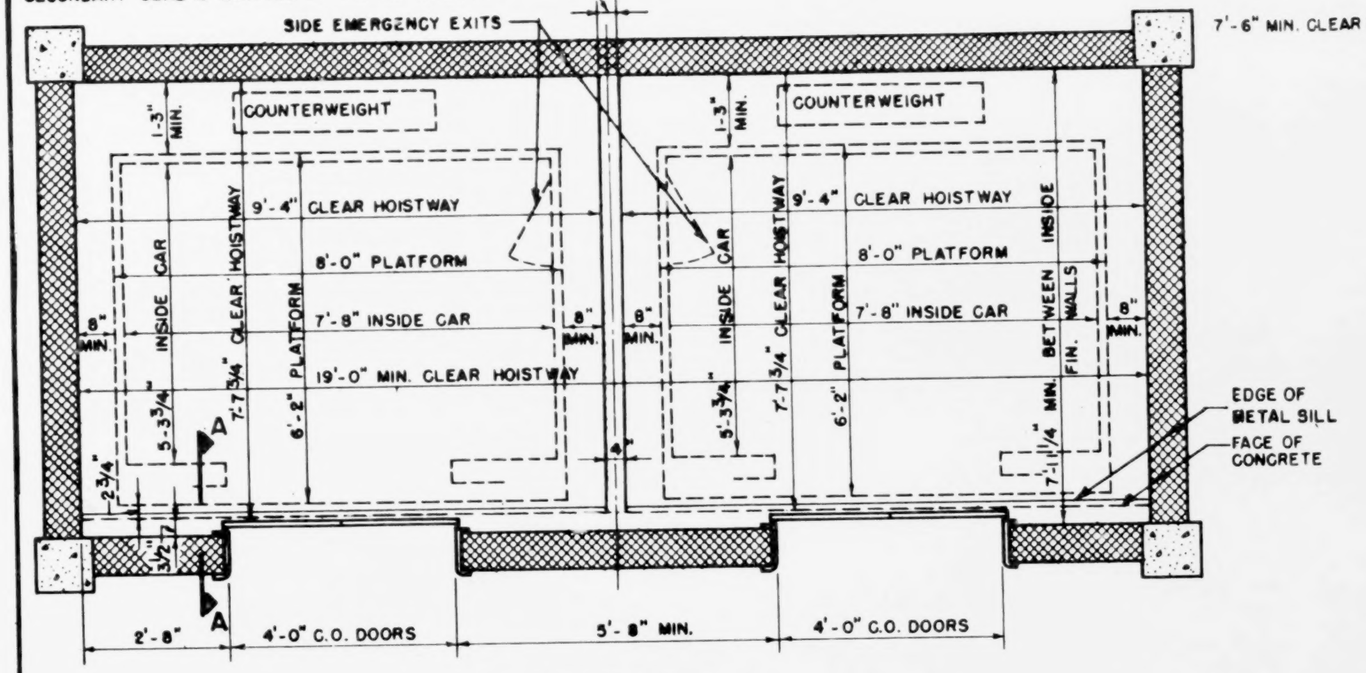
DATE ISSUED

REVISION

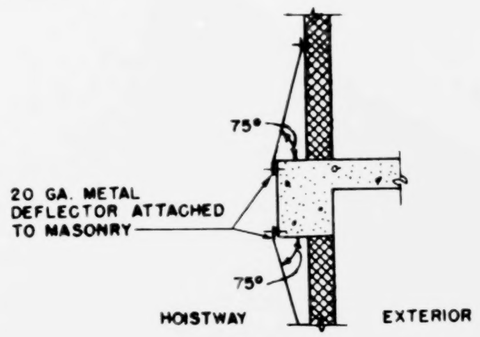
NOTES

1. ELEVATOR ENGINEER SHOULD BE CONSULTED RELATIVE TO CLEARANCES REQUIRED FOR SPECIFIC PROJECTS

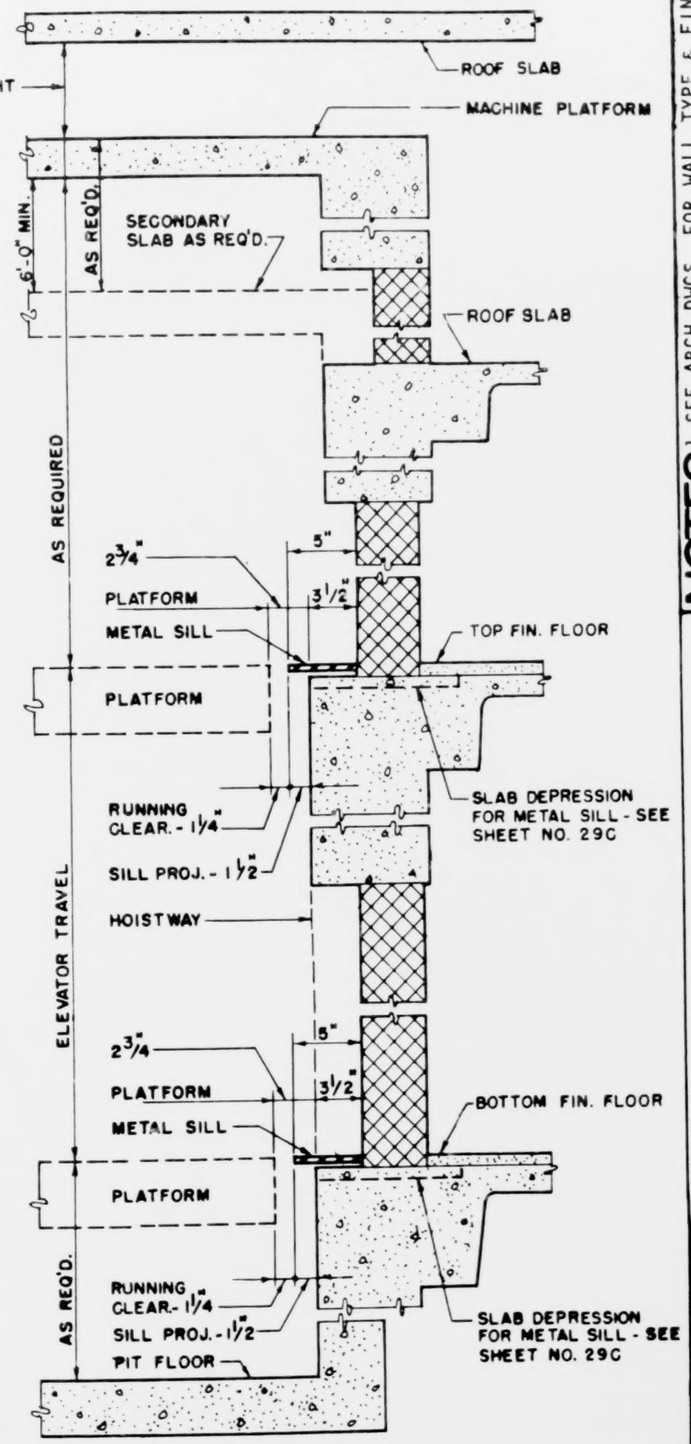
NOTE:
SEE STRUCTURAL DRAWING FOR VARIATIONS FROM THIS DIMENSION WHEN SECONDARY SLAB IS OMITTED AT TOP OF HOISTWAY.



PLAN "F"
(8'-0" x 6'-2" PLATFORM)



TOP & BOTTOM DEFLECTOR FOR PROJECTING BEAM IN HOISTWAY



SECTION "A-A"

NOTES
1. SEE ARCH. DWGS. FOR WALL TYPE & FIN. LOCATION OF COL., BEAMS & SLABS.
2. SEE STRUC. DWGS. FOR ACTUAL SIZE & 3. SEE SHEET NO. 29C FOR ELEVATION & DETAILS OF HORIZONTAL SLIDING CENTER OPENING DRS.
4. UNASSOCIATED WATER PIPES, DUCTWORK, EQUIP., ARE NOT PERMITTED IN MACHINE RMS. OR HOISTWAYS.
5. CONCRETE FL. (S) NOT TO BE POURED UNTIL MACHINES ARE IN PLACE.
6. MACHINE RM - APPROX. 225 SQ. FT. PER MACHINE.
7. MACHINE BEAMS SHALL BE FLUSH OR BELOW MACHINE RM FL. SLAB.

ELEVATORS, PASSENGER
HORIZONTAL SLIDING CENTER OPENING DOORS

TITLE

INTERIM COPY

DATE ISSUED APRIL '50 | REVISION

29H

Veterans Administration STANDARD DETAIL

NOTES

1. HEAD AND JAMBS OF FINISHED FRAME SHALL BE SECURED TOGETHER WITH CONTINOUS WELD.

2. ALL METAL GAGES AND FINISHES OF FRAME AND DOORS AS SPECIFIED.

ELEVATORS, SERVICE & PASSENGER

ENTRANCE DETAILS

(WITH DRYWALL SHAFT)

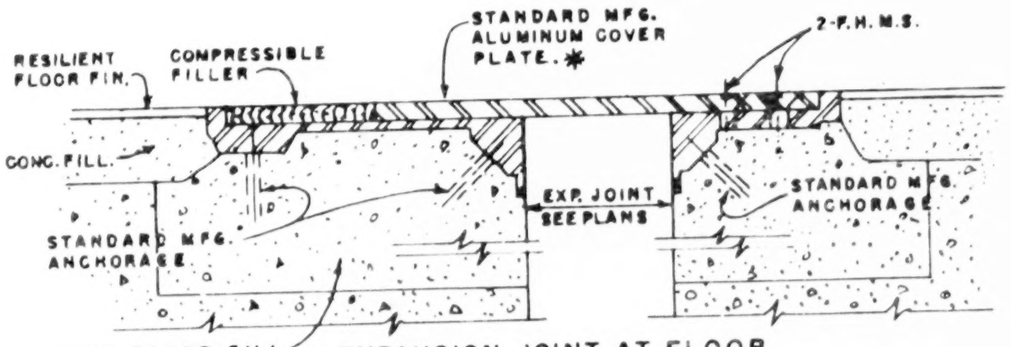
(HORIZONTAL SLIDING CENTER OPENING DOORS)

TITLE

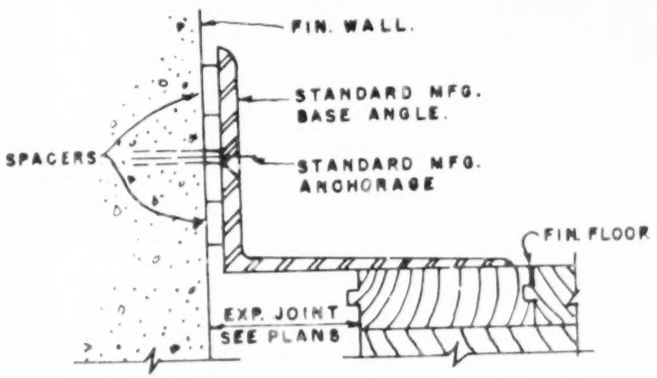
DATE ISSUED APRIL '80 | INTERIM COPY | REVISION

29
J

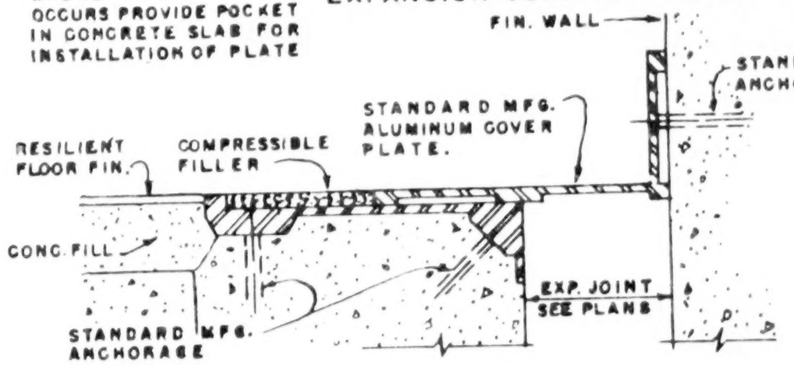
Veterans Administration STANDARD DETAIL



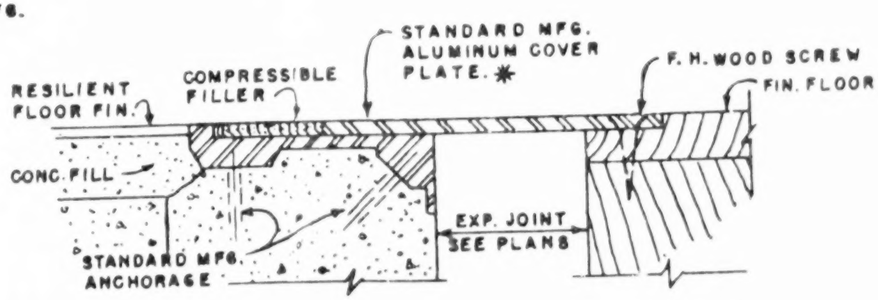
EXPANSION JOINT AT FLOOR



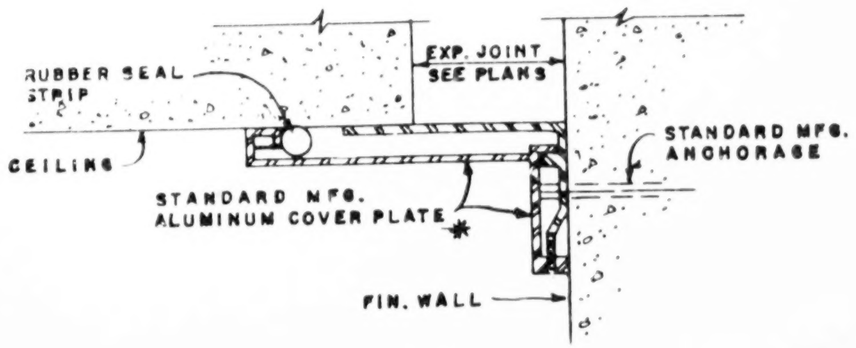
EXPANSION JOINT IN GYM. AT FLOOR & WALL



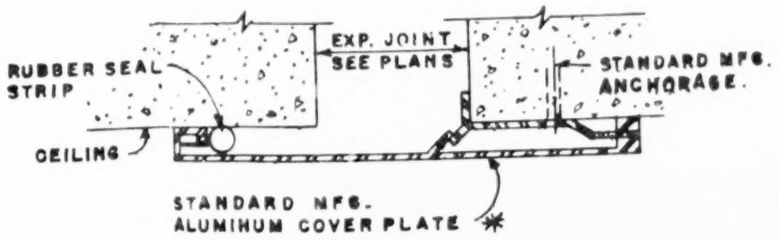
EXPANSION JOINT AT FLOOR & WALL



EXPANSION JOINT IN GYM. FLOOR



EXPANSION JOINT AT WALL AND CEILING



EXPANSION JOINT AT WALL OR CEILING

NOTES

1. SEE SHEET NO. 31 FOR ADDITIONAL EXPANSION JOINT DETAILS. (SEISMIC)
2. *USE BRONZE STD. MANUFACTURERS EXPANSION JOINT COVER PLATES AT ALL FIRE RATED PARTITIONS.
3. EXPANSION JOINTS IN FIRE RATED PARTITIONS SHALL BE PACKED WITH MINERAL WOOL INSULATION.

TITLE: EXPANSION JOINT COVER PLATES

DATE ISSUED APRIL 80 | INTERIM COPY | REVISION

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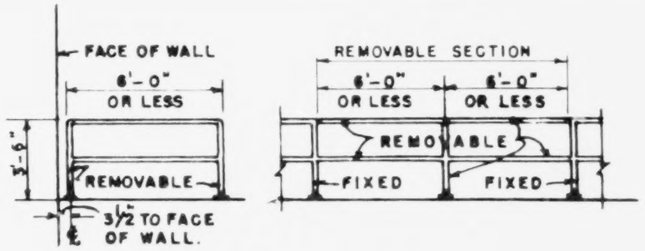
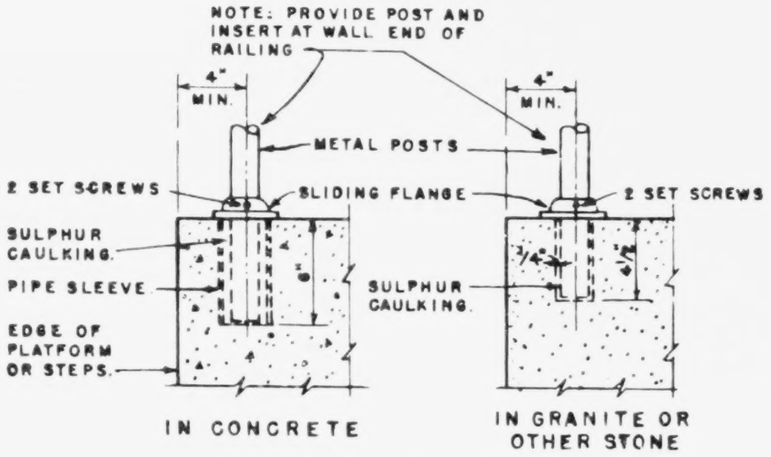
Veterans Administration STANDARD DETAIL

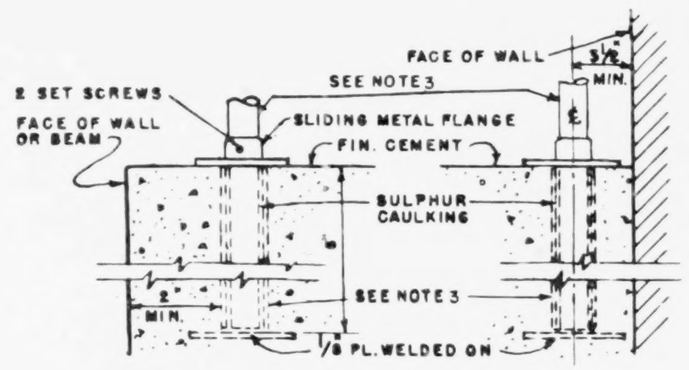


NOTE: MAXIMUM SPACING OF VERTICAL MEMBERS SHALL BE 6'-0"

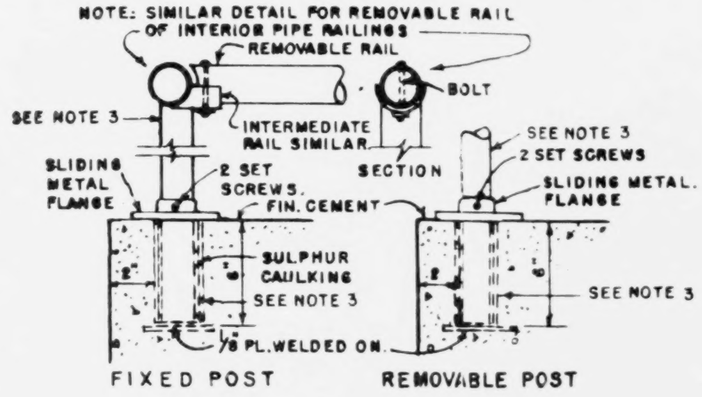
TYPICAL ELEVATIONS OF REMOVABLE PIPE RAILINGS



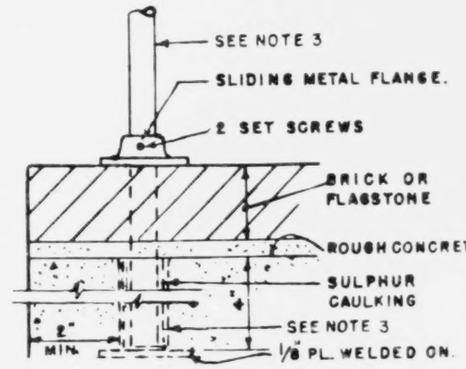
METAL POST INSERTS FOR RAILINGS



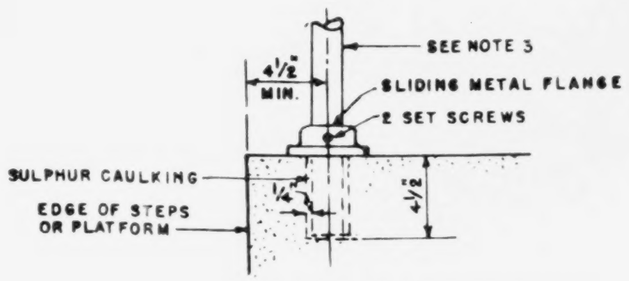
FIXED POST
PIPE RAILING POST INSERT
IN CONCRETE (EXTERIOR)



REMOVABLE PIPE RAILING DETAILS WITH POST INSERTS IN CONCRETE



FIXED POST
PIPE RAILING POST INSERT
IN BRICK OR FLAGSTONE



PIPE RAILING POST IN STONE

NOTES

1. WHERE BEAM OR REINFORCING RODS OCCUR DIRECTLY UNDER VERT. MEMBERS OF PIPE RAILINGS, OMIT PIPE SLEEVE INSERTS AND PROVIDE FL. FLANGES WELDING OR THREADED TO POSTS OR VERT. MEMBERS AND EXPANSION BOLTED TO CONCRETE.
2. HANDRAILS SHALL BE SO CONSTRUCTED AS TO WITHSTAND A FORCE OF 200 LBS. APPLIED DOWNWARD OR HORIZONTAL AT ANY POINT.
3. RAILINGS ARE 1 1/4" STANDARD PIPE AND SLEEVES ARE APPROXIMATELY 1" LARGER.

TITLE: RAILING DETAILS

INTERIM COPY

DATE ISSUED: [illegible] '80

REVISIONS

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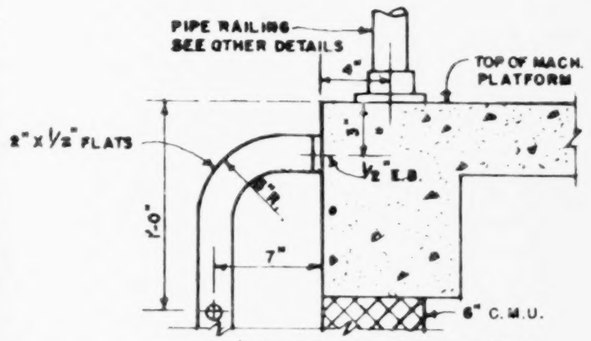
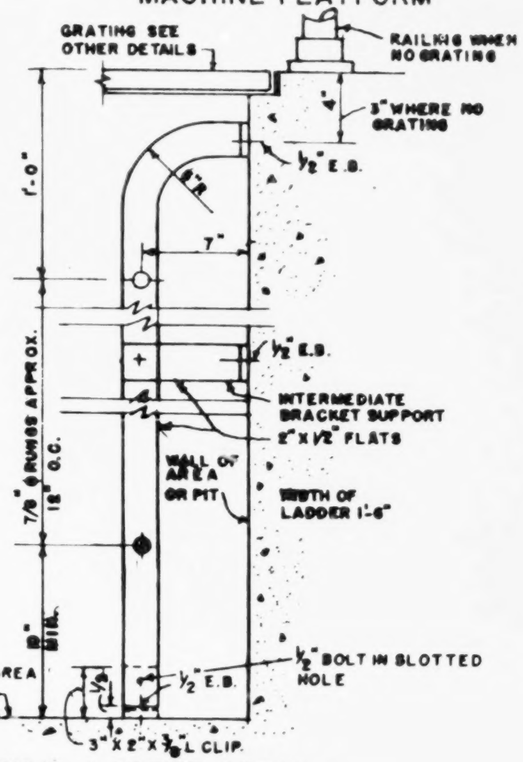
Veterans Administration STANDARD DETAIL

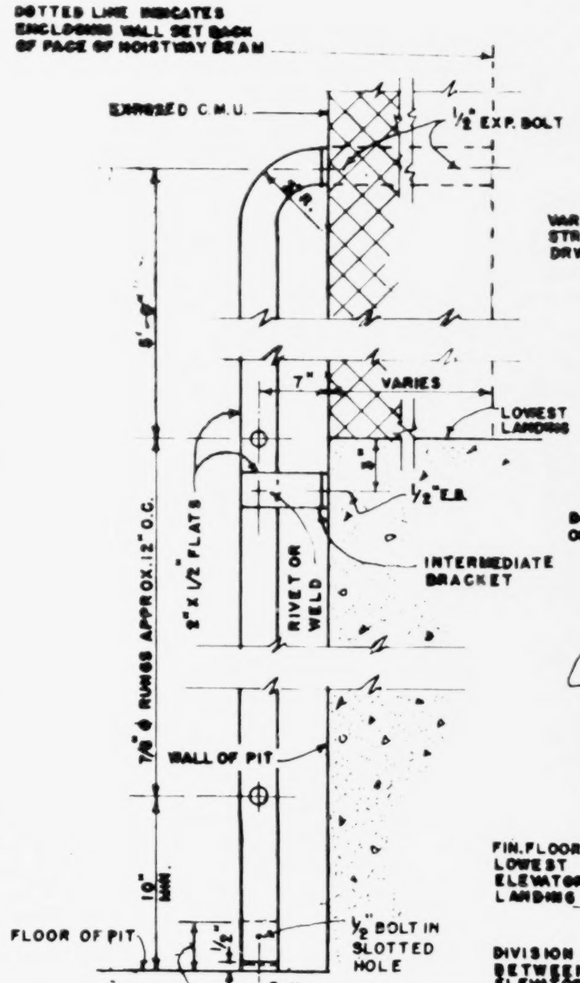


LADDER TO ELEVATOR MACHINE PLATFORM

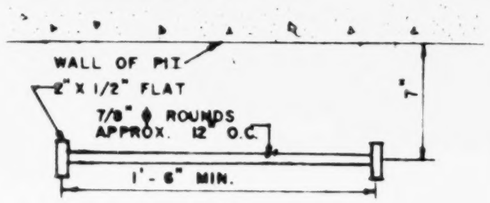


TYPICAL LADDER DETAILS

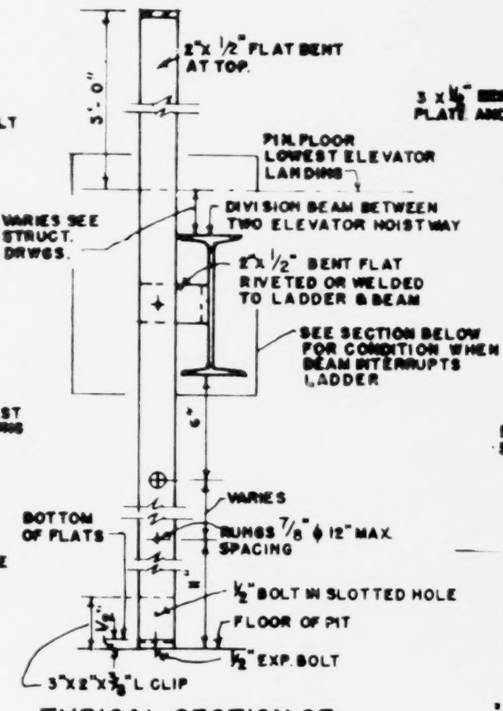
NOTE: FOR MAXIMUM LENGTH OF LADDER SEE OSHA REQUIREMENTS.



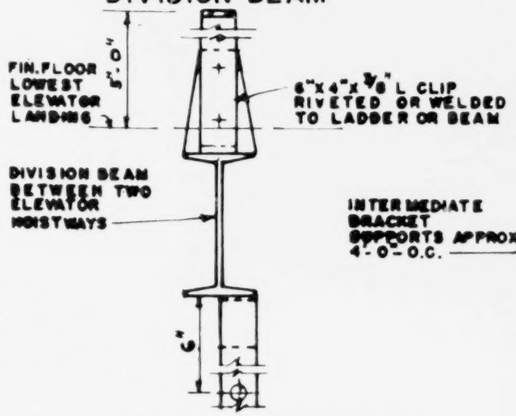
TYPICAL LADDER IN ELEVATOR PIT



PLAN

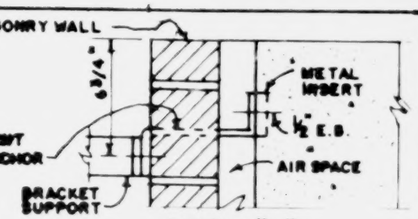


TYPICAL SECTION OF LADDER ADJACENT TO DIVISION BEAM

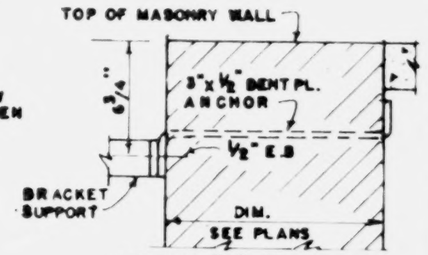


SECTION OF LADDER WHEN INTERRUPTED BY DIVISION BEAM

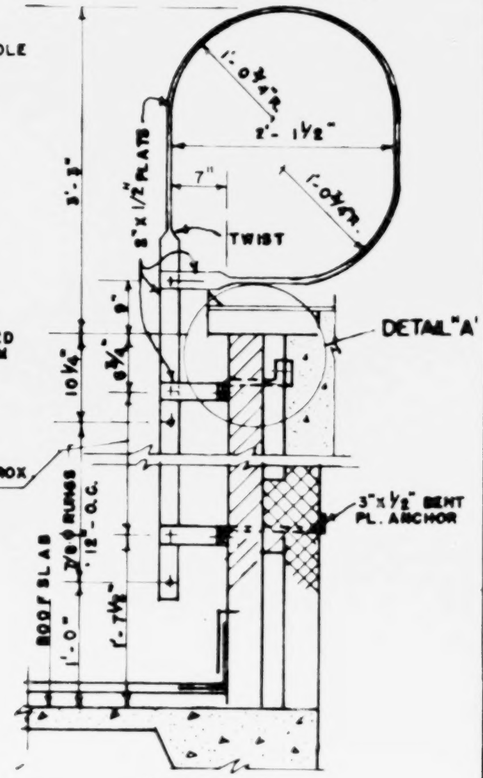
ELEVATOR PIT LADDER AT DIVISION BEAM



DETAIL "A"



DETAIL "A" IN SOLID MASONRY WALL



SECTION

TYPICAL ROOF LADDER

NOTES

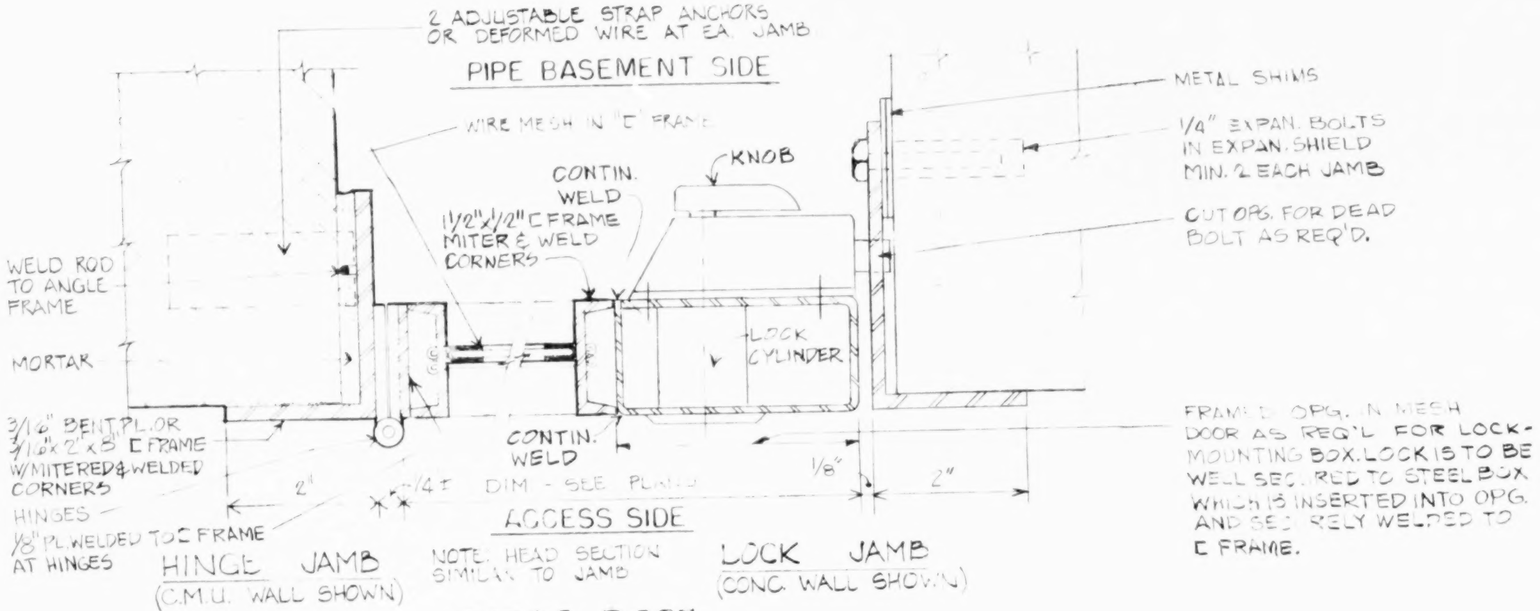
LADDER DETAILS

TITLE

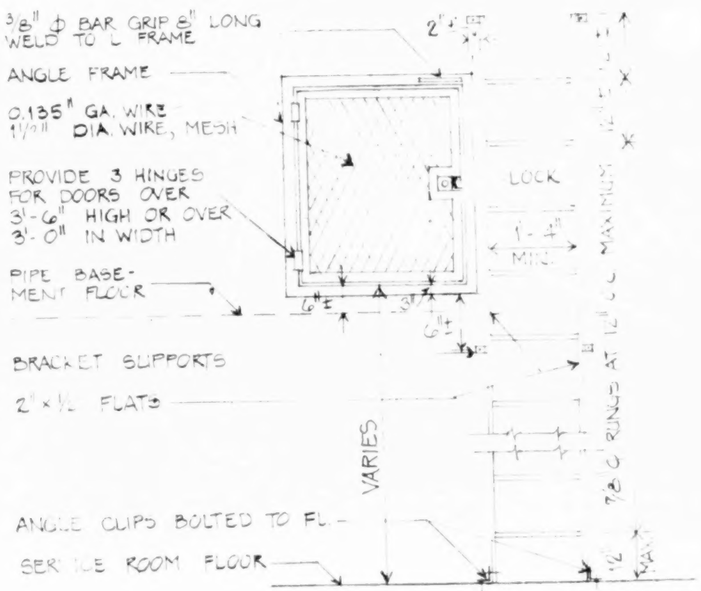
DATE ISSUED Sept. '79 REVISION

33

Veterans Administration STANDARD DETAIL



ACCESS DOOR



ELEVATION

NOTES TO ARCHITECT

1. Reverse ladder where required. Ladder & bar grip shall be placed at lock side of door.
2. Wire mesh access doors shall be used when required between Service Room & Pipe Basement.
3. Size of door shall be noted on Arch. plans.
4. Provide metal ladder where pipe basement floor is over 3'-6" above service room floor.
5. For max. length of ladder, see OSHA requirements.
6. See Std. Det. 33 for additional ladder details.

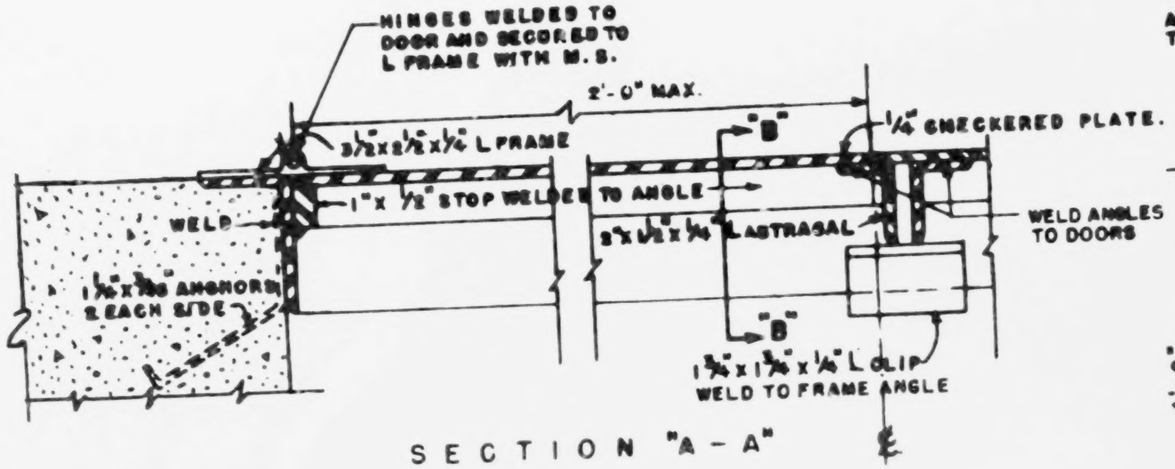
ACCESS DOOR (WIRE MESH) & LADDER

TITLE

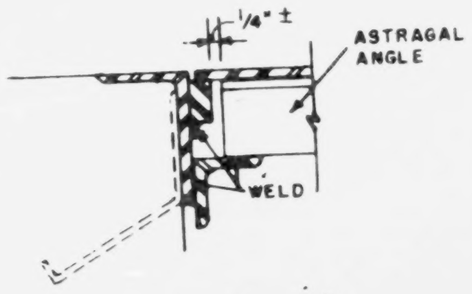
DATE ISSUED Oct '78 | REVISION Jan '79

34

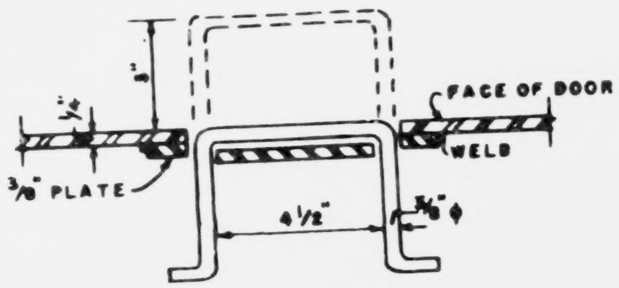
Veterans Administration STANDARD DETAIL



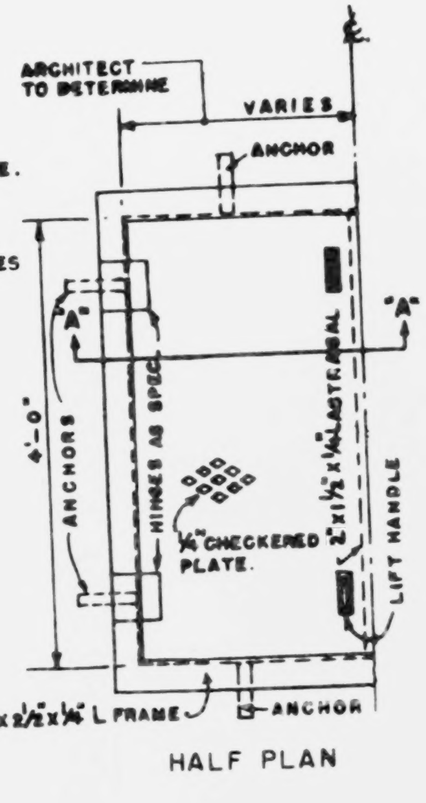
SECTION "A - A"



SECTION "B - B"

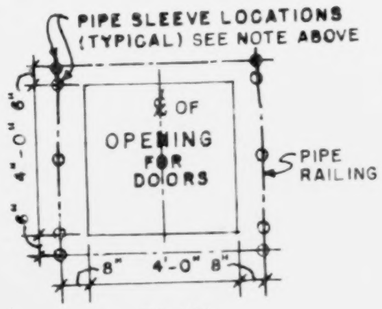


DETAIL OF LIFT HANDLE

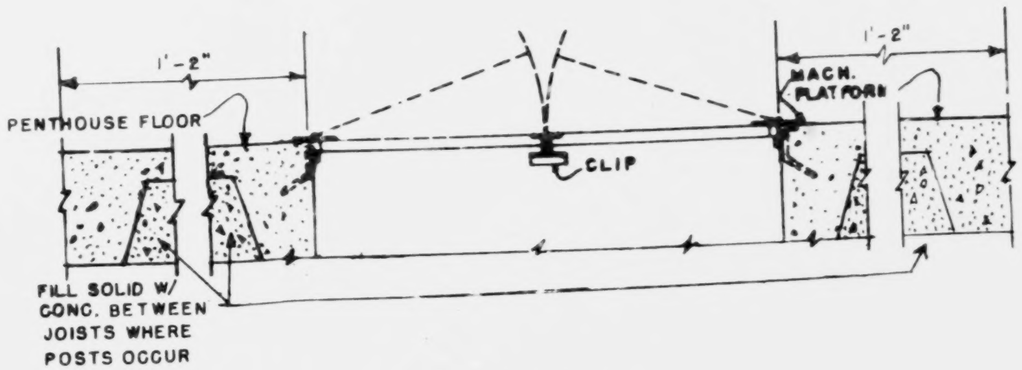


HALF PLAN

NOTE:
FOR REMOVABLE PIPE RAILING & POSTS (SEE STD. DETAIL N° 32)



PLAN



SECTION

NOTE:
REFER TO ARCHITECTURAL AND STRUCTURAL DRAWINGS FOR LOCATION AND SIZE OF OPENINGS.

NOTES

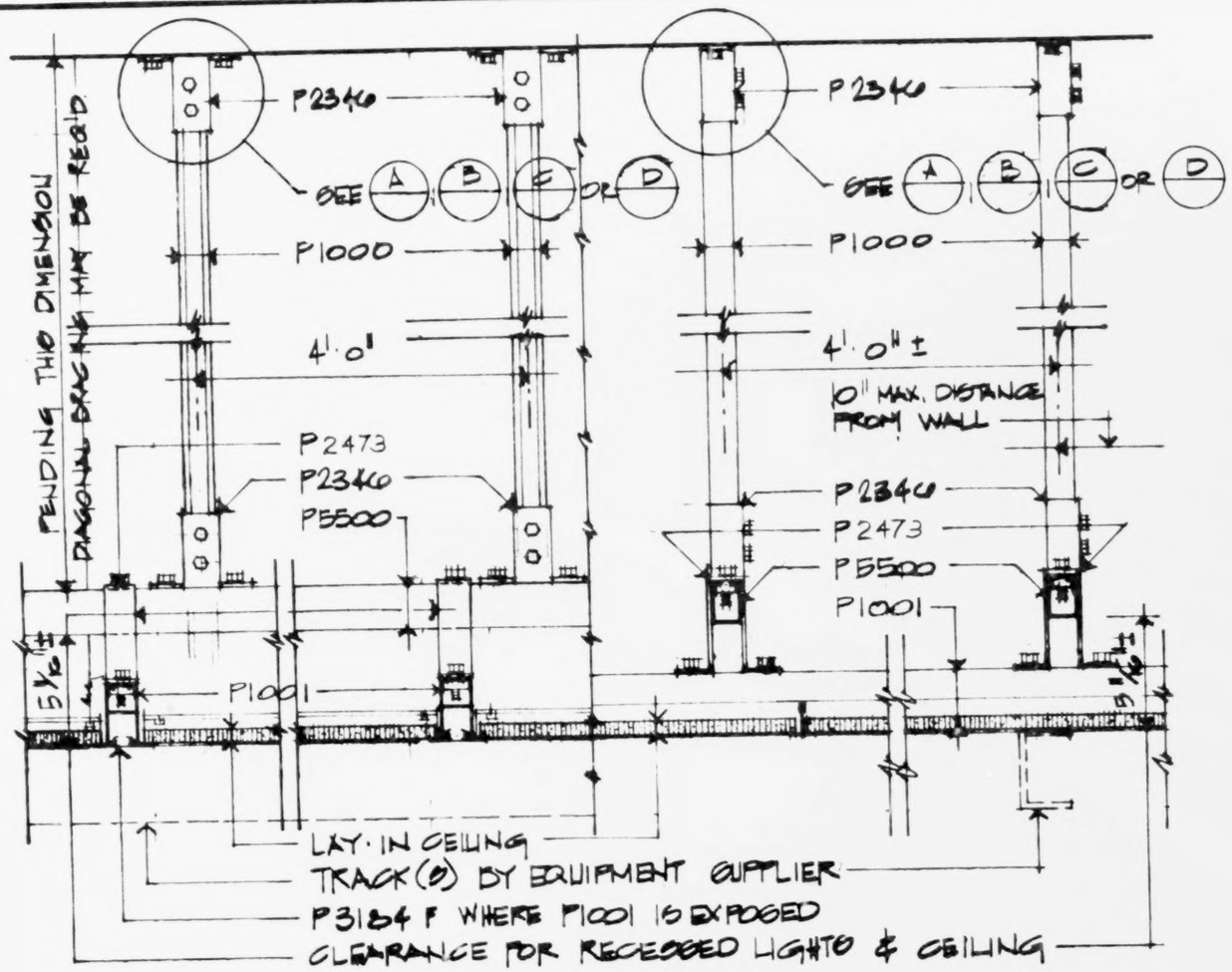
TRAP DOORS IN ELEVATOR PENTHOUSE FLOOR

TITLE

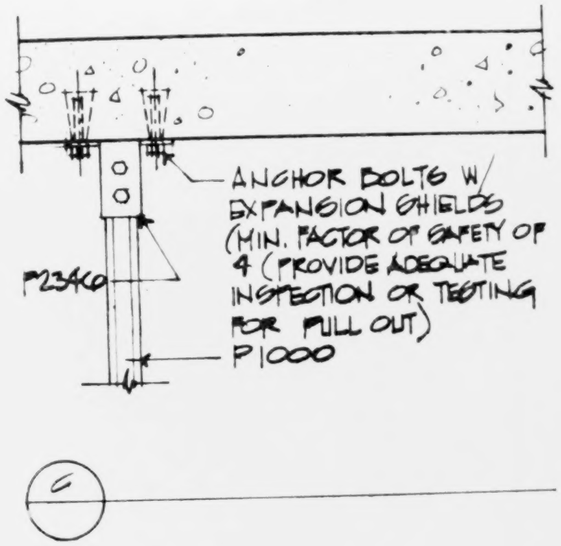
DATE ISSUED Sept. '79 REVISION 5/22/80

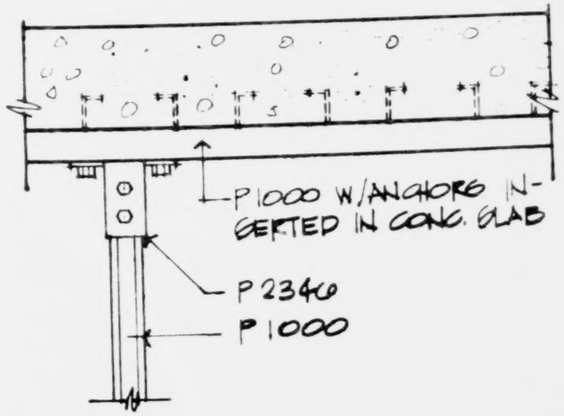
35

Veterans Administration STANDARD DETAIL

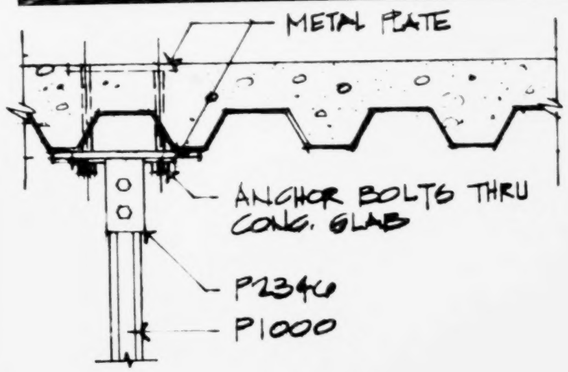


SECTION THRU SUPPORT SYSTEM

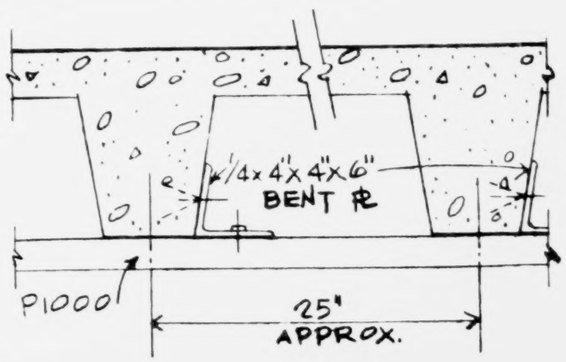




D



A



B

NOTE FOR ARCHITECT

DETAILS A, B, C & D SHOW ANCHORAGE SUPPORT INTO VARIOUS TYPES OF SLAB CONDITIONS. ACTUAL SUPPORT MUST BE DESIGNED TO SUIT THE PARTICULAR SITUATION.

NOTES

[illegible] AND HANGERS SHALL BE ARRANGED [illegible] ON ARCHITECTURAL DRAWINGS AND SHALL TERMINATE APPROX. [illegible] FROM FACE OF WALLS OR PARTITIONS, EXCEPT FOR MEMBERS FLUSH WITH CEILING.

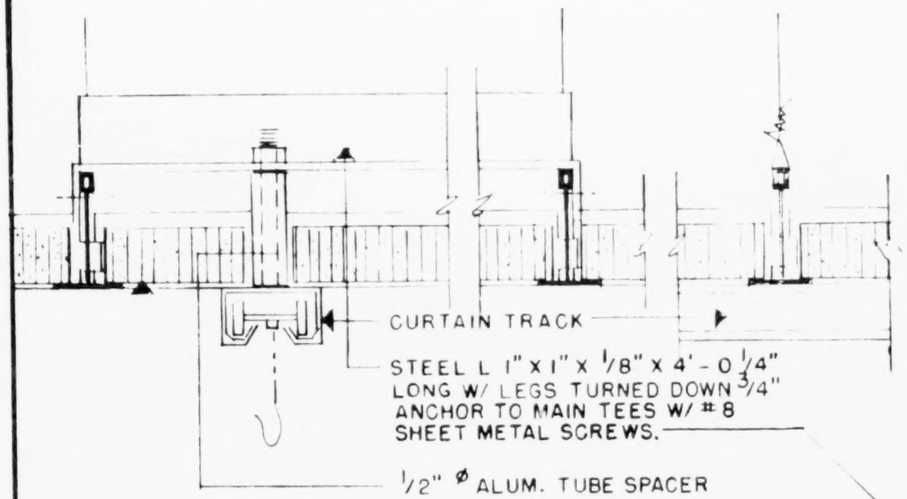
[illegible] MEMBER SHOWN ON DRAWING WITH A "P" PREFIX ARE UNISTRUT CATALOG NUMBERS USED AS A CONVENIENCE FOR IDENTIFYING DESIRED SHAPES AND THICKNESS OF MEMBERS.

TITLE: SUPPORT SYSTEM FOR CEILING MOUNTED X-RAY EQUIPMENT

DATE ISSUED APRIL '80 | REVISION JUN. '82

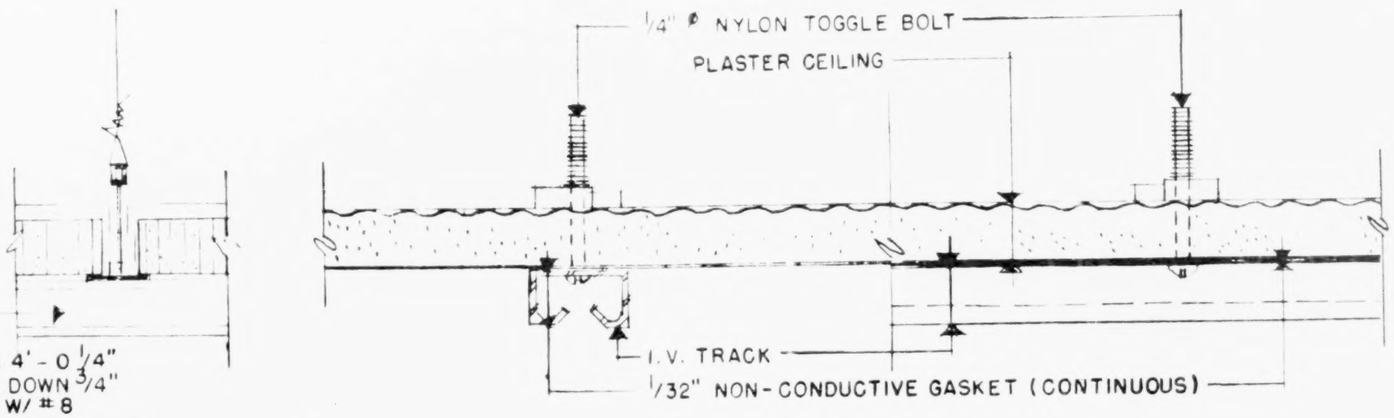
36

Veterans Administration STANDARD DETAIL



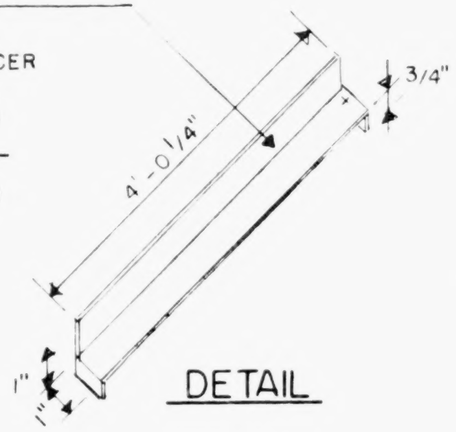
SECTION "A"

(AT A. T CEIL'G)

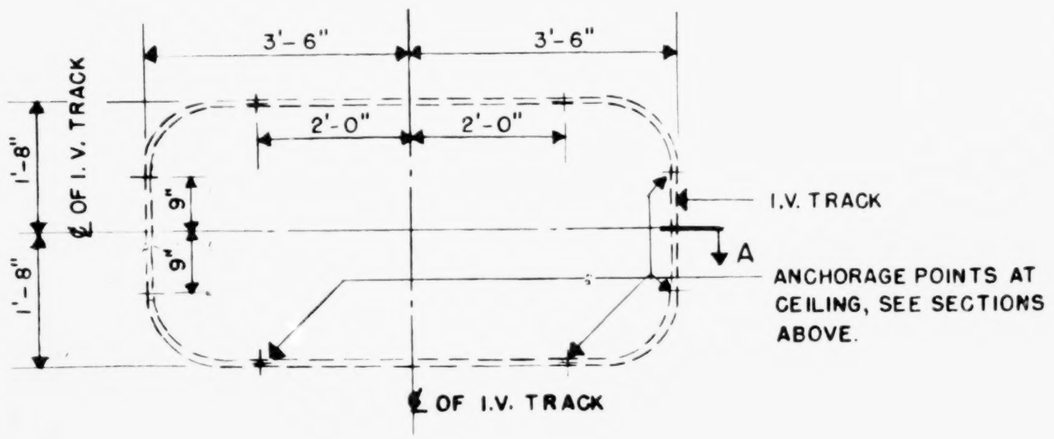


SECTION "A"

(AT PLASTER CEIL'G.)



DETAIL



PLAN

SCALE: 1/2" = 1'-0"

NOTES

1. WHENEVER POSSIBLE, SECURE TRACK DIRECTLY TO EXPOSED MAIN TEES.
2. WHENEVER NOTE #1 IS NOT POSSIBLE, SECURE CURTAIN TRACK TO L SPANNING BETWEEN MAIN TEES.

PLAN OF I. V. TRACK & CEILING ANCHORAGE

(CUBICAL CURTAIN TRACK SIMILAR)

TITLE

DATE ISSUED APRIL'80 | INTERIM COPY REVISION 3/4/80

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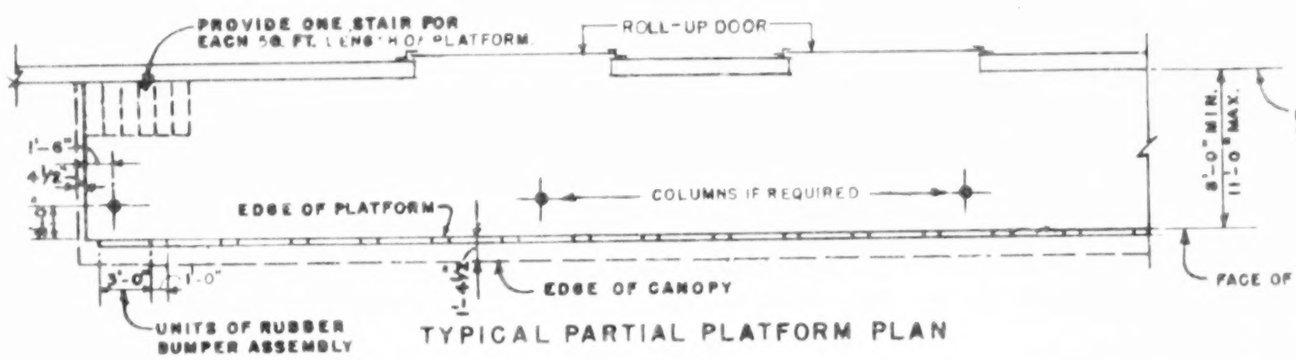
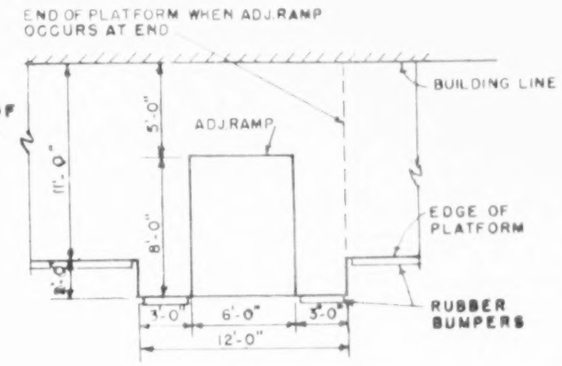
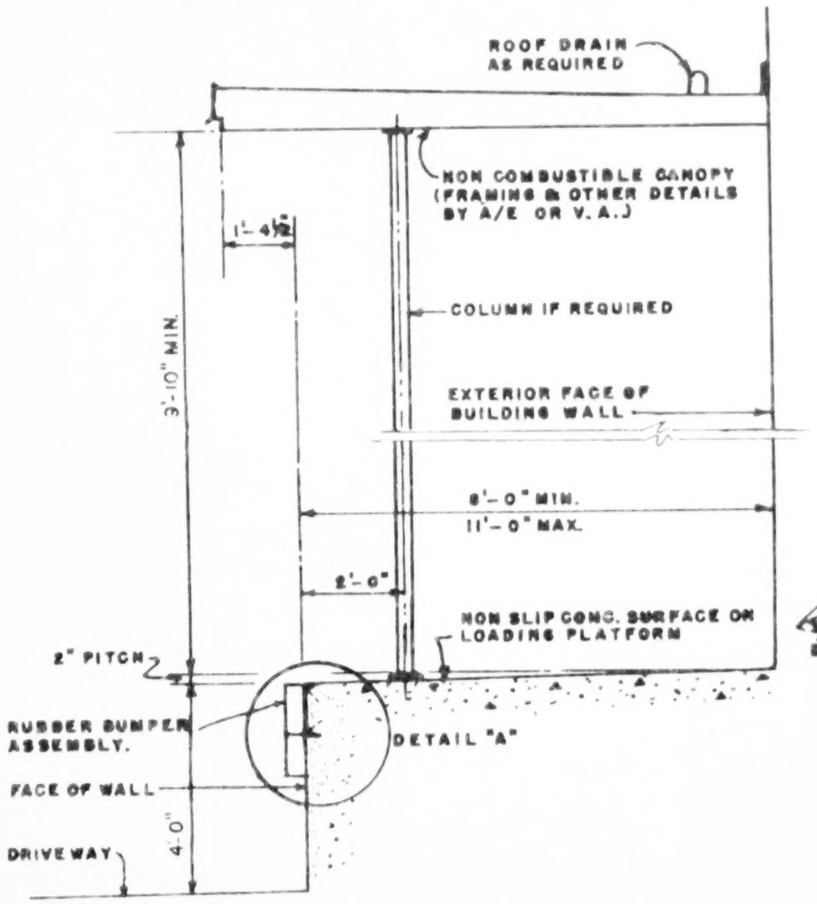
Veterans Administration STANDARD DETAIL



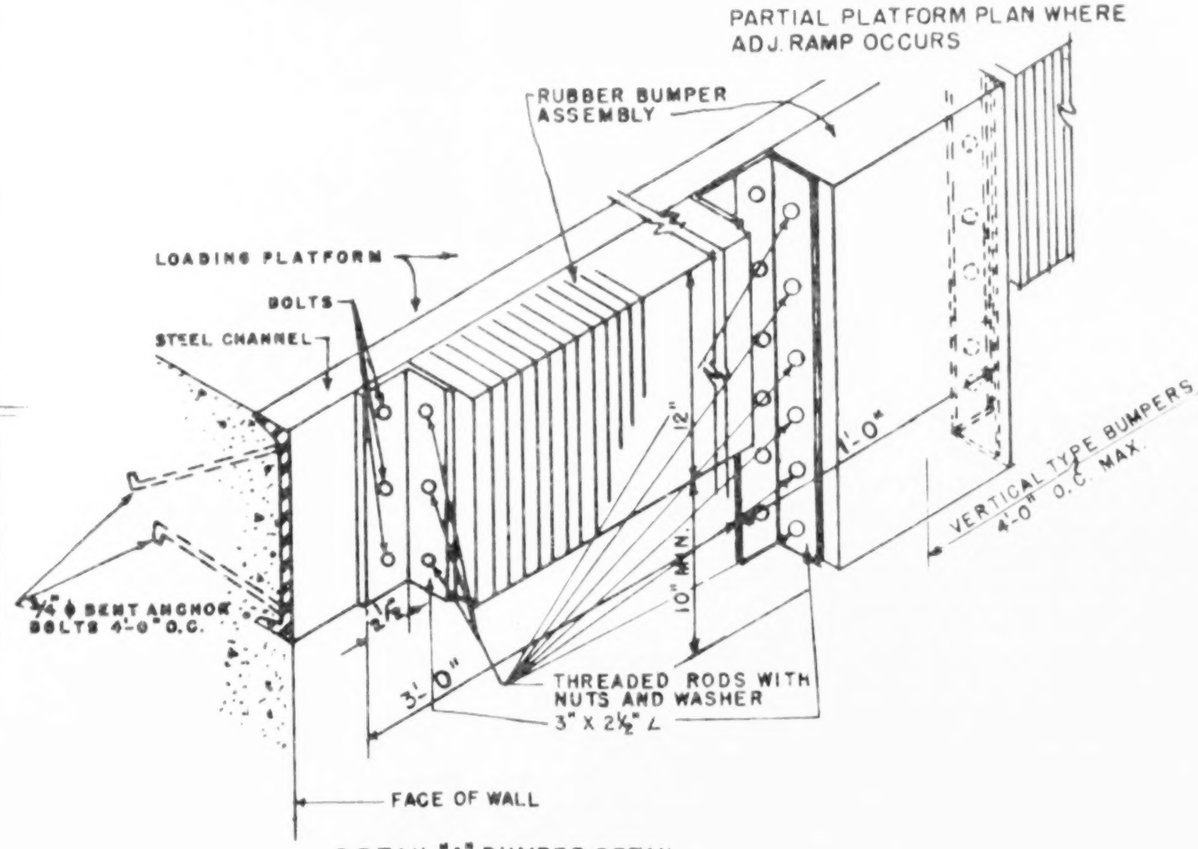
TYPICAL PARTIAL PLATFORM PLAN



PARTIAL PLATFORM PLAN WHERE ADJ. RAMP OCCURS



SECTION THRU CANOPY & PLATFORM



DETAIL "A" BUMPER DETAIL

NOTE: SEE STANDARD DETAIL 37A FOR ENCLOSED LOADING DOCKS FOR USE IN COLD CLIMATES.

NOTES

1. ADJ. RAMP LOCATION TO BE DETERMINED FOR EACH PROJECT.
2. LOADING DOCK SHALL BE A MINIMUM OF 11'-0" DEEP WHERE ADJ. RAMPS ARE REQUIRED.
3. SEE VETERANS ADMINISTRATION CONSTRUCTION STANDARD 1-5, AND [illegible] DETAIL 7D.

TITLE: LOADING PLATFORM AND CANOPY

DATE ISSUED JAN. '61 | REVISION JUNE '62

37 Veterans Administration STANDARD DETAIL

SECTION A-A

ELEVATION

NOTES:

1. DOOR SIZE: 8'-0" WIDE x 9'-0" HIGH.
2. DOCK LEVELER/POWER RAMP & DIMENSIONS TO BE INSTALLED AS PER MANUFACTURER'S REQUIREMENTS.
3. WHEN USING MORE THAN ONE LOADING DOCK DOOR, SPACE DOORS AS REQUIRED FOR SPACE FUNCTION.
4. WHEN USING MORE THAN ONE LOADING DOCK DOOR, PROVIDE ONLY ONE DOCK LEVELER.
5. STRUCTURAL SUPPORT AND ANCHORAGE SHALL BE AS PER MANUFACTURER'S REQUIREMENTS.
6. USE WHERE WINTER DESIGN TEMP. IS BELOW 10° F AS GIVEN IN THE 97½% COLUMN OF TABLE I, ASHRAE HANDBOOK OF FUNDAMENTALS.

PLAN

NOTES

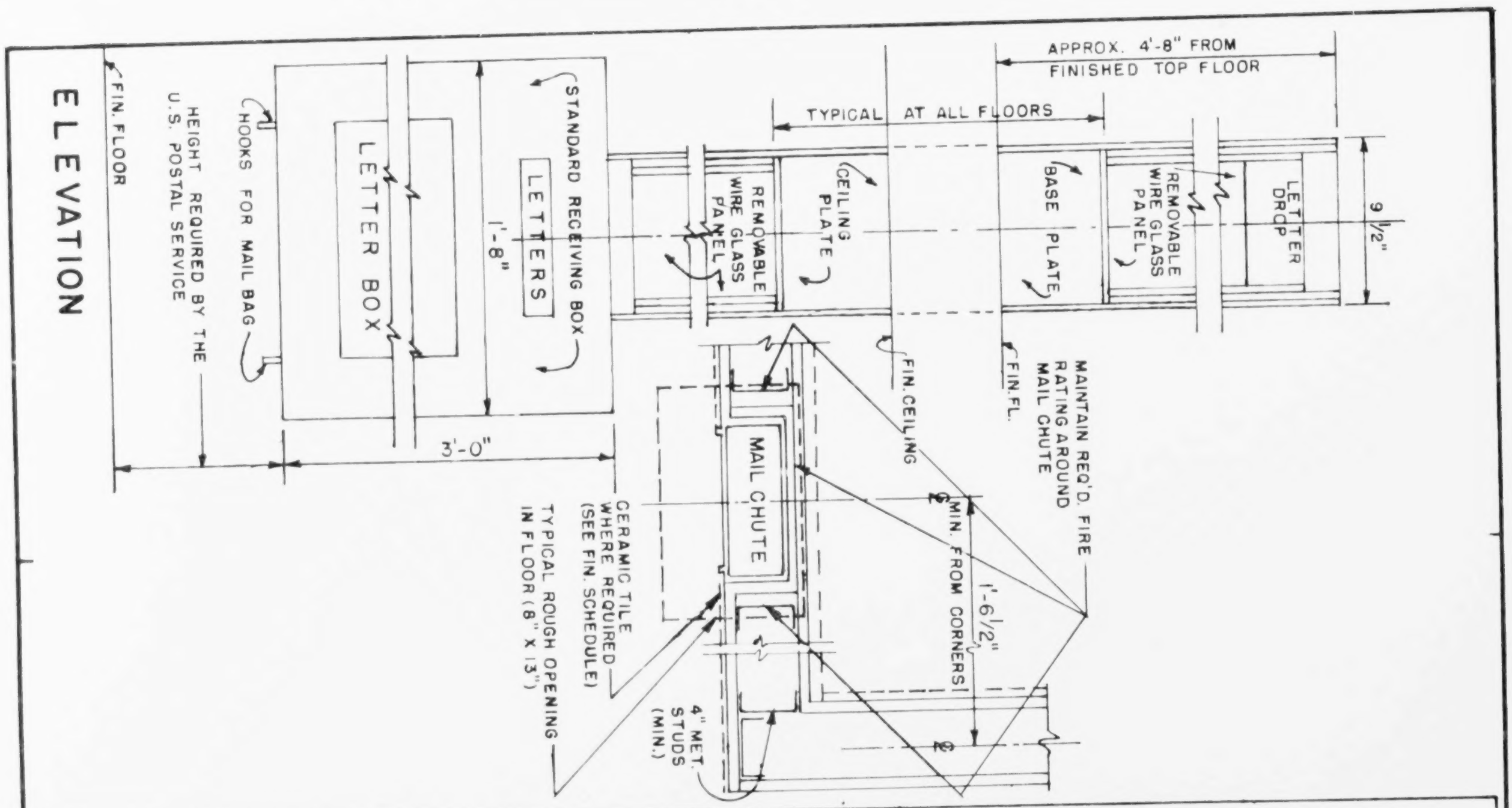
1. SEE STANDARD DETAIL 7D FOR ROLL-UP DOOR DETAILS

WAREHOUSE RECEIVING DOOR FOR END-LOAD

TITLE

DATE ISSUED JAN. '81 | REVISION JUN. '82

37A Veterans Administration STANDARD DETAIL



Veterans Administration STANDARD DETAIL

38

LETTER BOX & MAIL CHUTE

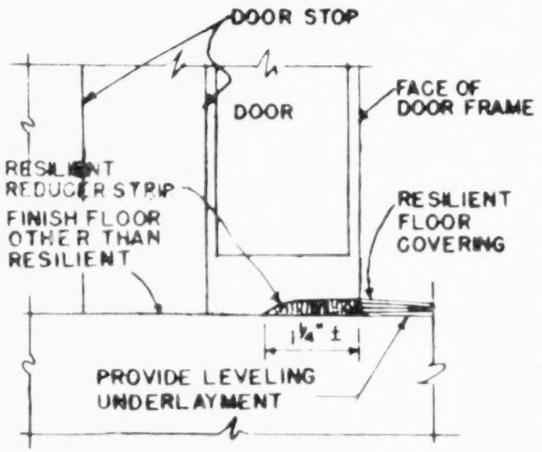
TITLE

DATE ISSUED Mar. '78

REVISION

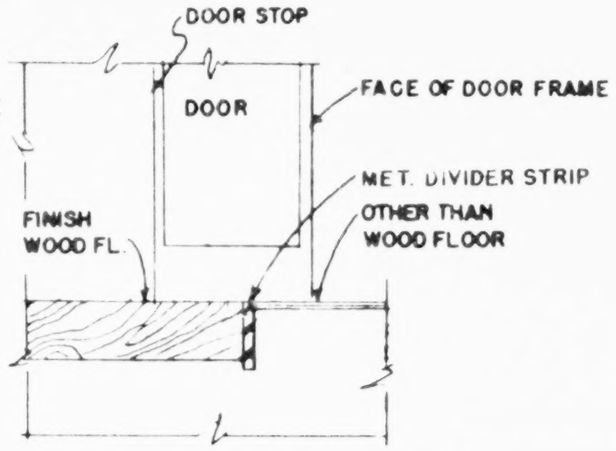
NOTES

1. LETTER BOX AND MAIL CHUTE SHALL BE OF ALUMINUM AS SPECIFIED.
2. LOCATE LETTER BOX AT THE BASE OF MAIL CHUTE IN THE ELEVATOR LOBBY ON THE SAME LEVEL AS THE LOADING DOCK. THIS LOCATION IS SUBJECT TO THE APPROVAL OF THE POSTMASTER.
3. ALL MAIL CHUTE EQUIPMENT SHALL CONFORM TO THE LATEST RULES, REGULATIONS & SPECIFICATIONS OF THE POSTAL SERVICE.



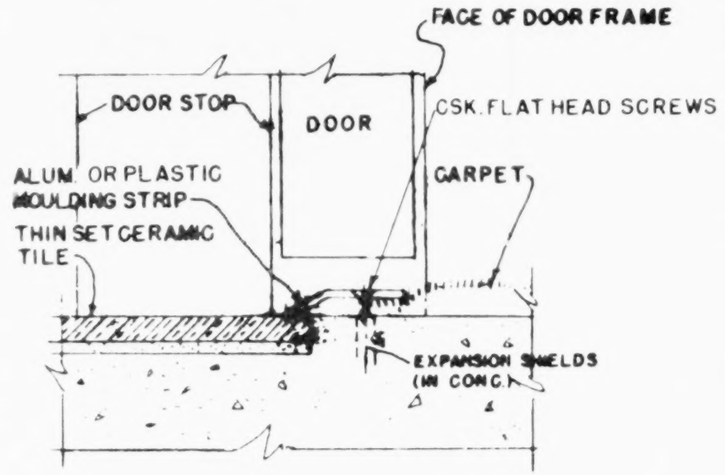
EDGE STRIP

AT EXPOSED EDGE OF RESILIENT FLOORING



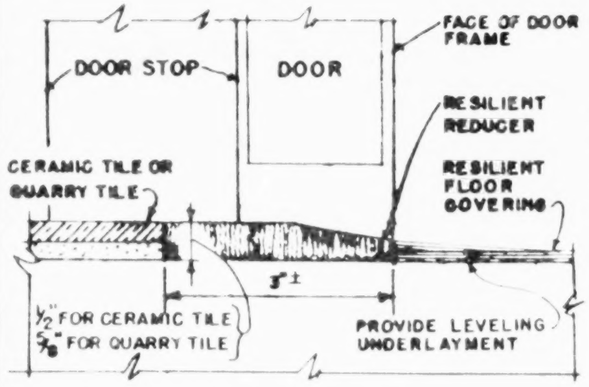
METAL FLOOR STRIP

BETWEEN WOOD AND OTHER FLOORING



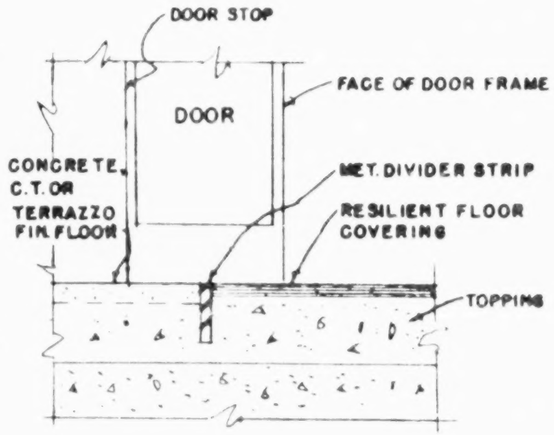
CARPET MOULDING STRIP

BETWEEN TILE FINISH AND CARPET FLOOR



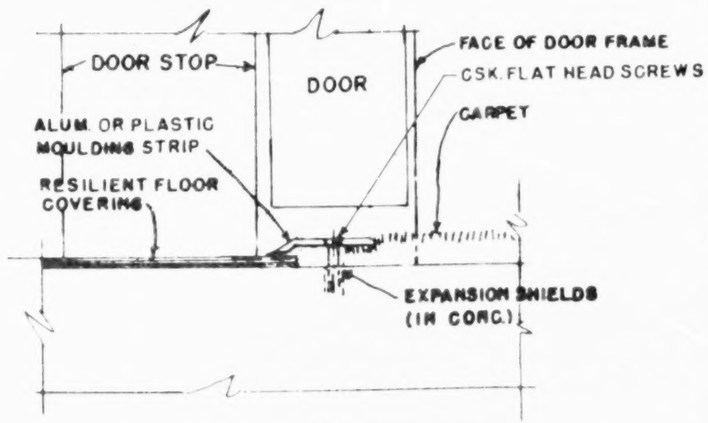
RESILIENT REDUCER STRIP

BETWEEN TILE FINISH AND RESILIENT FINISH ON EXIST. CONCRETE FLOORS OR ON NEW CONC. FLOORS WITHOUT TOPPING



METAL DIVIDER STRIP

IN CONCRETE TOPPING WITH DIFFERENT FINISH ON EACH SIDE



CARPET MOULDING STRIP

BETWEEN RESILIENT FLOORING AND CARPET FLOOR

NOTES

FLOOR STRIPS

TITLE

DATE ISSUED JULY '77 | REVISION

39

Veterans Administration STANDARD DETAIL

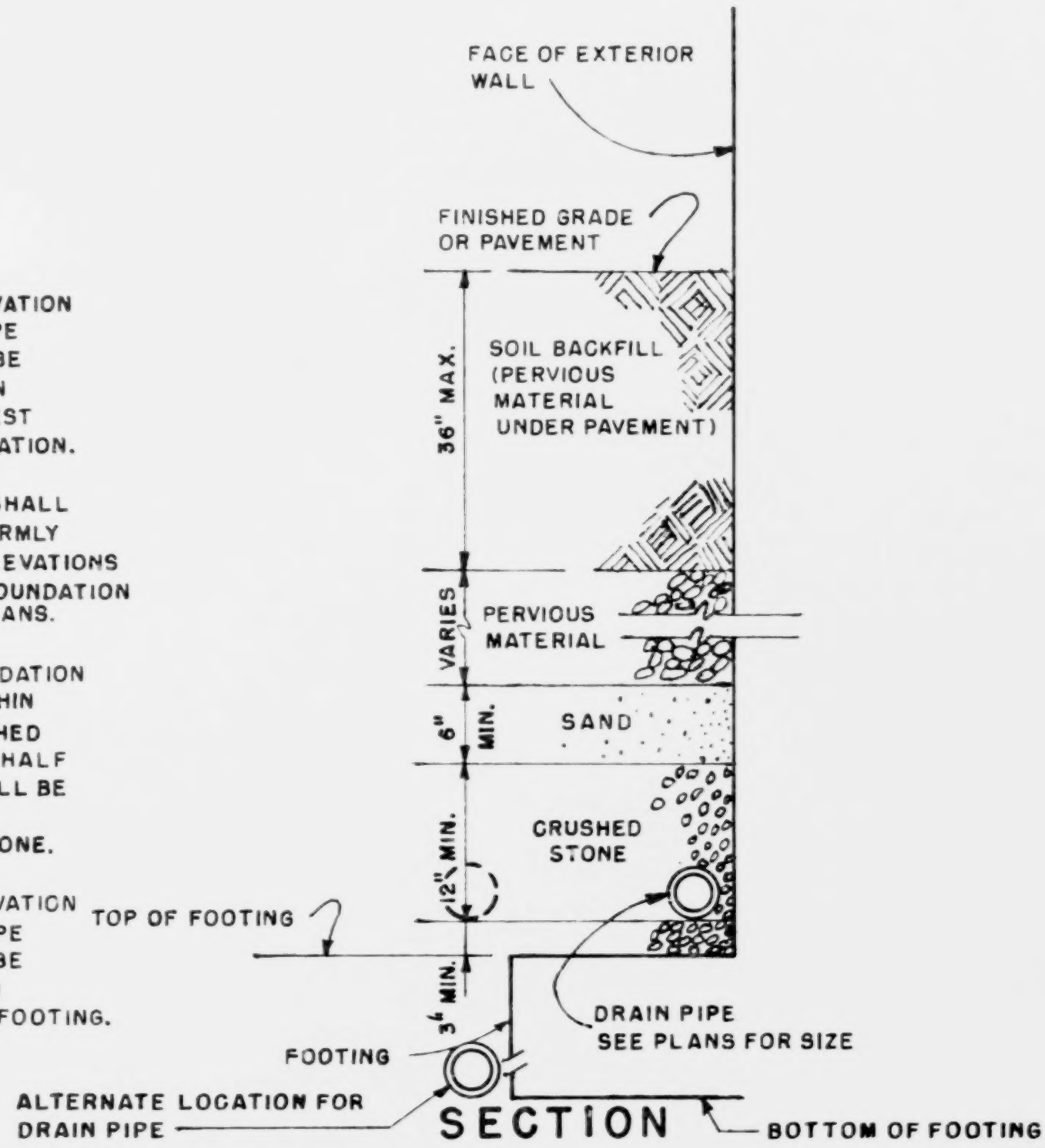
NOTES:-

1. INVERT ELEVATION OF DRAIN PIPE SHALL NOT BE HIGHER THAN TOP OF LOWEST FLOOR ELEVATION.

2. DRAIN PIPE SHALL SLOPE UNIFORMLY BETWEEN ELEVATIONS SHOWN ON FOUNDATION DRAINAGE PLANS.

3. WHERE FOUNDATION DRAIN IS WITHIN 24" OF FINISHED GRADE, ONE HALF OF FILL SHALL BE MADE WITH CRUSHED STONE.

4. INVERT ELEVATION OF DRAIN PIPE SHALL NOT BE LOWER THAN BOTTOM OF FOOTING.

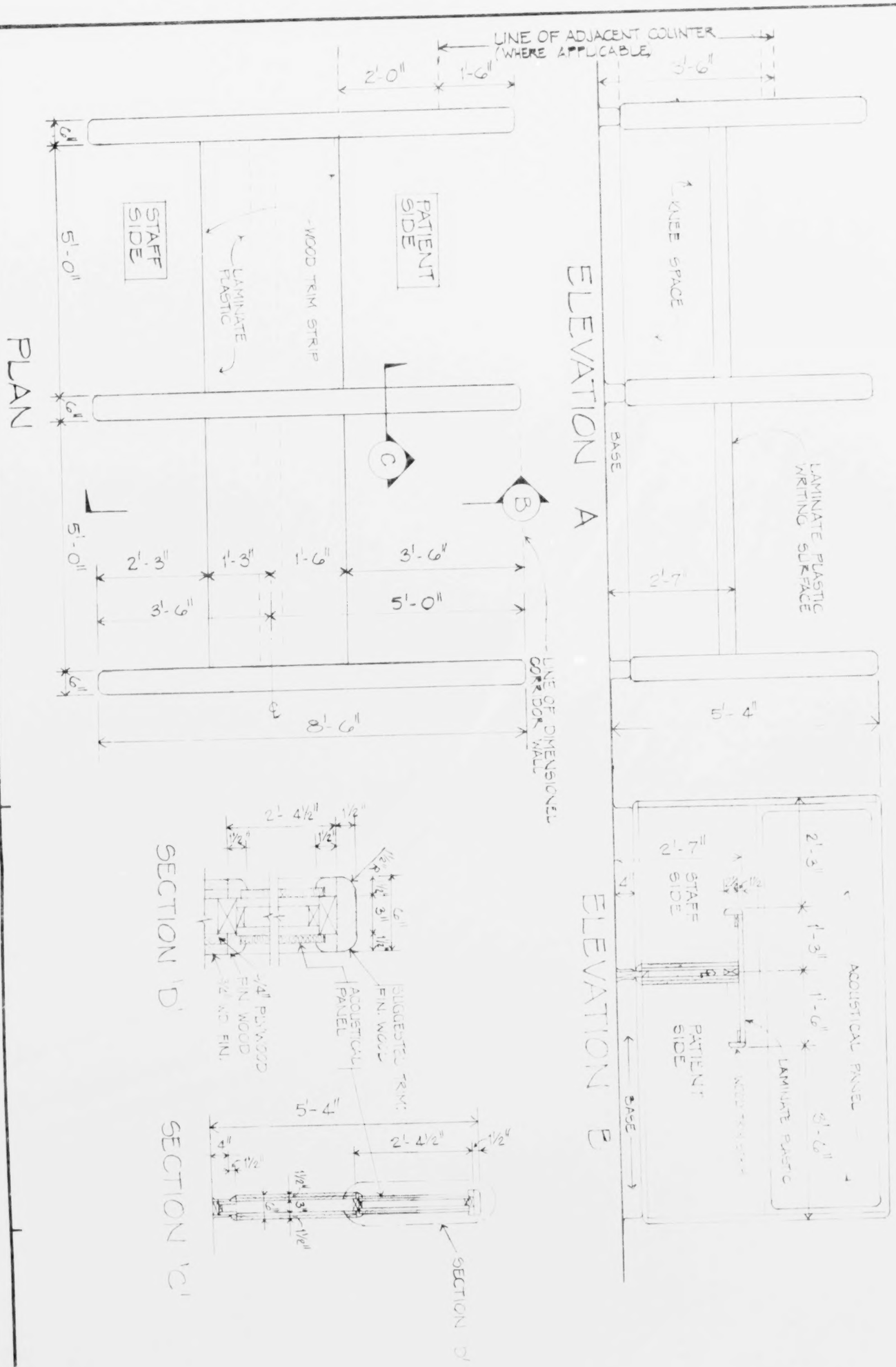


FOUNDATION DRAIN DETAIL

40

JUNE 79

ARCHITECTURAL STANDARD DETAIL



41

Veterans Administration STANDARD DETAIL

INTERVIEW BOOTH

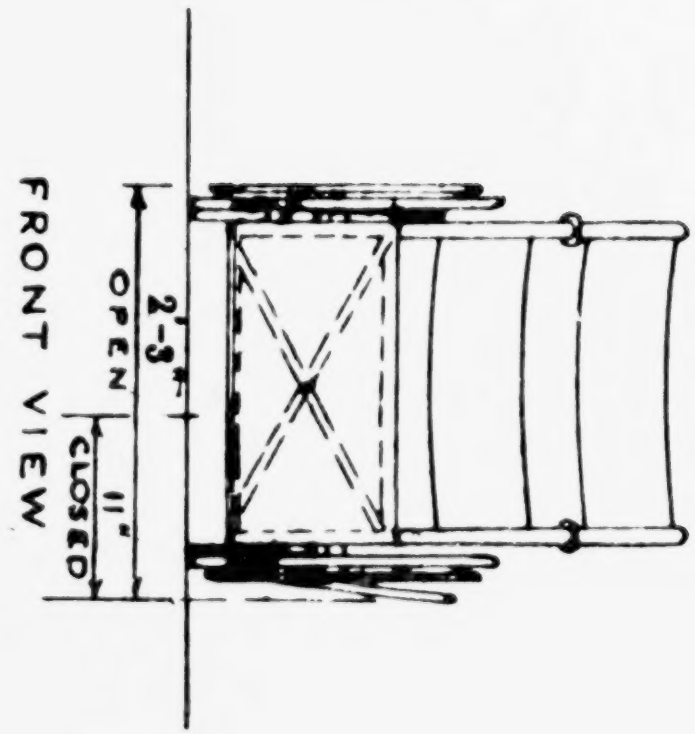
TITLE

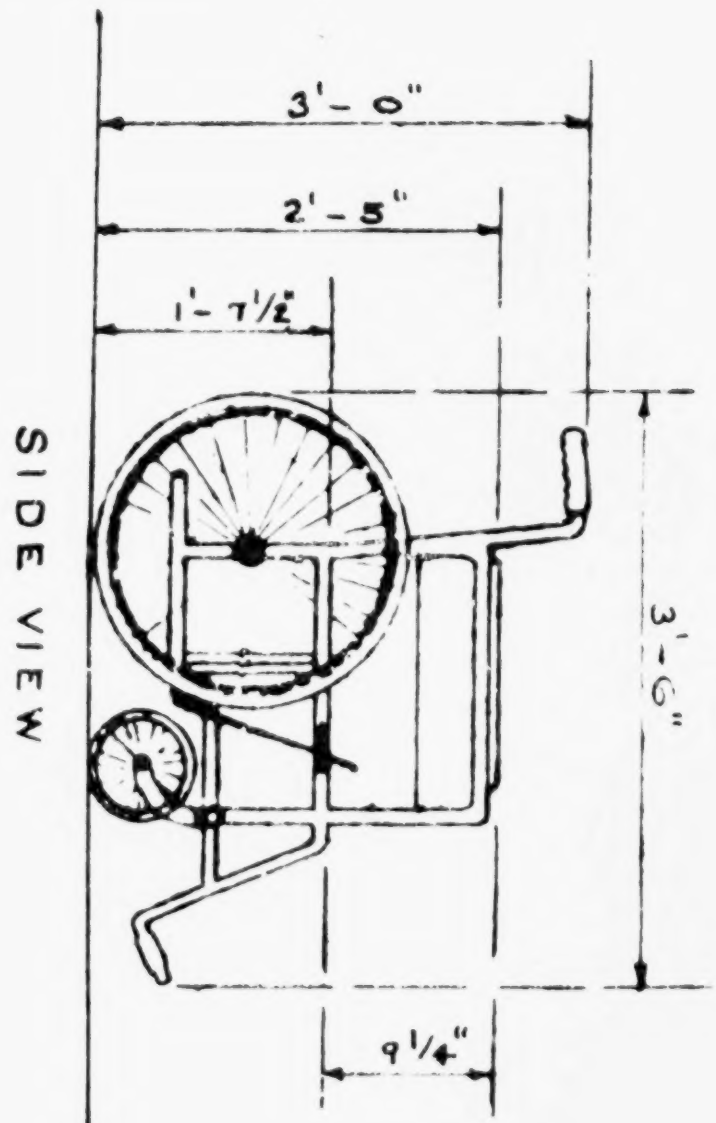
DATE ISSUED JAN. '79

REVISION

NOTES

1. ADDITIONAL BOOTHS MAY BE ADDED, AS REQ'D. CHECK SPACE SHEETS. (MIN. OF 2, MAX. OF 6)





Veterans Administration STANDARD DETAIL

42

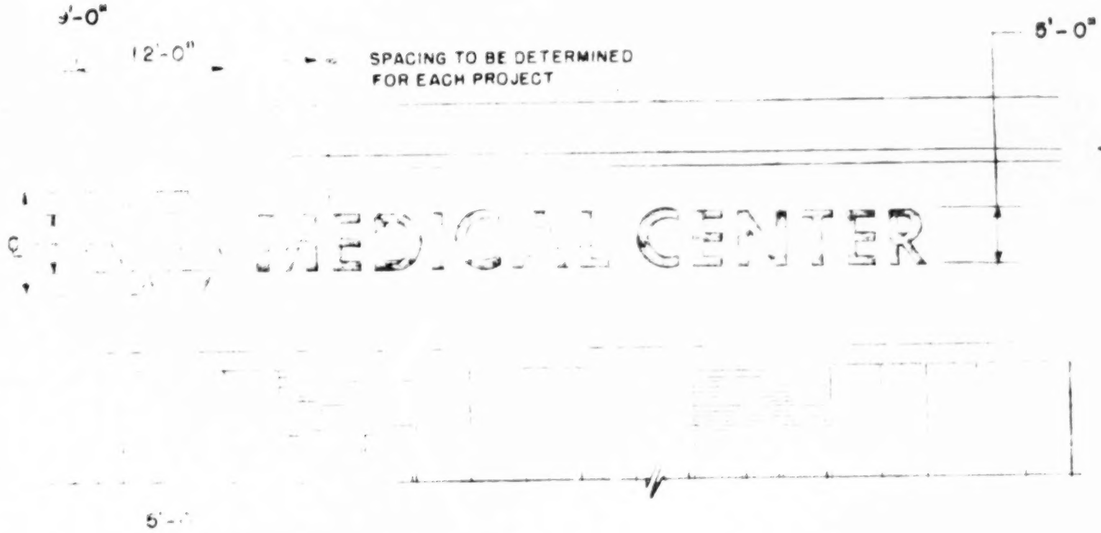
WHEEL CHAIR DIMENSIONS

TITLE

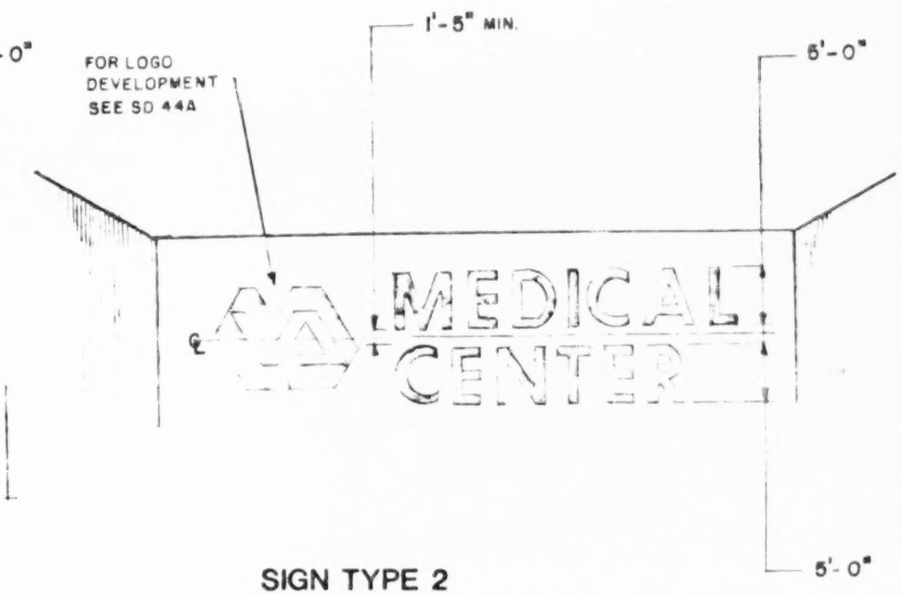
DATE ISSUED JULY '69

REVISION

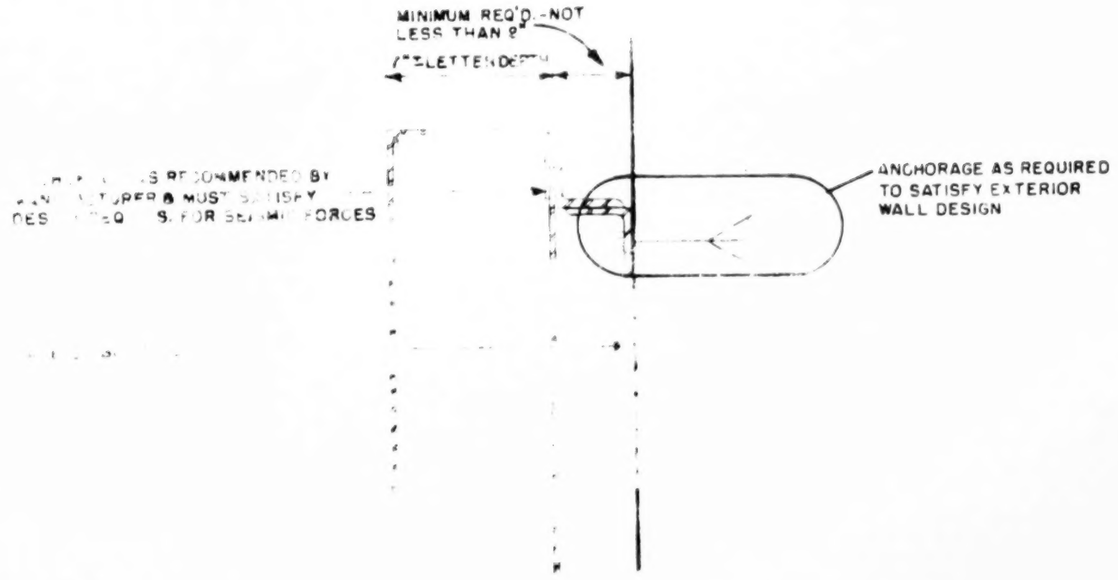
NOTES

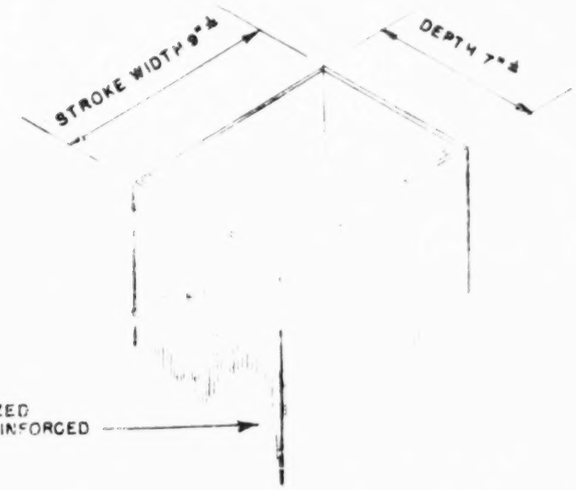


SIGN TYPE 1



SIGN TYPE 2





NOTES

BUILDING SIGN
(EXTERIOR FACE)

TITLE

DATE ISSUED MAY '80 REVISION 12-1180

43A

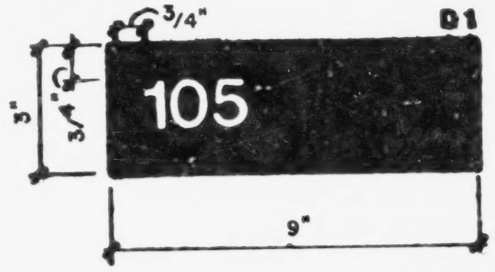
Veterans Administration
STANDARDS

FUNCTION
TO IDENTIFY ALL ROOMS, D1 - ROOM NUMBERS

MODULE SIZE
D1 - 3"X9"

COPY SIZE
D1 - 1 1/4" OR 1 1/2"

SPECIAL DATA
MODULE D1 SHALL HAVE TACTILE CHARACTERS RAISED 1/32" MIN, 1/8" MAX AND ACID WELD TO BACK PANEL.



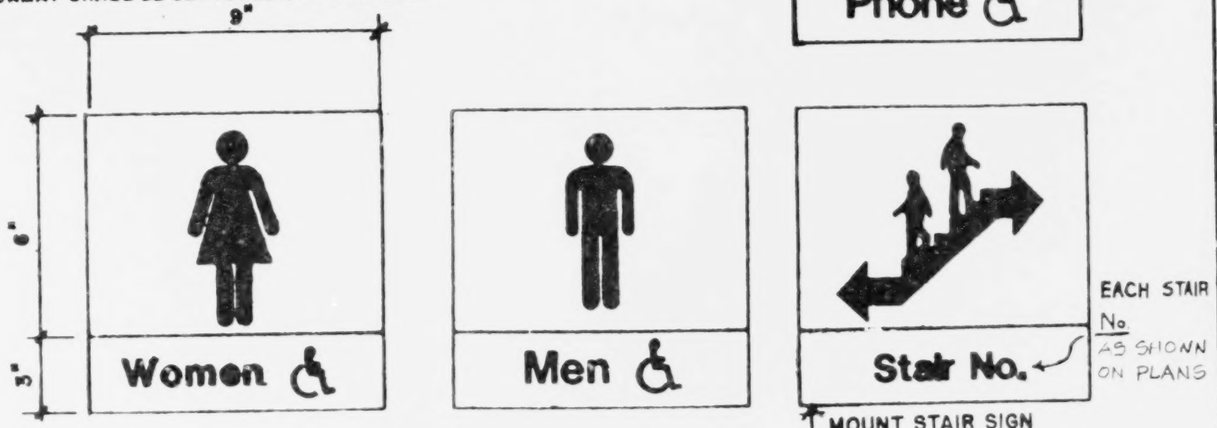
DIMENSIONAL ROOM NUMBER

FUNCTION
GRAPHIC DIRECTION OR IDENTIFICATION.

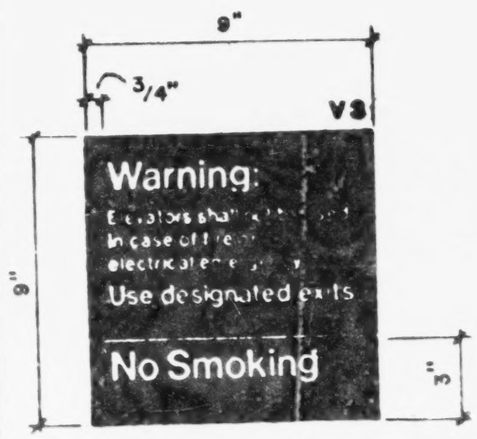
MODULE SIZE
9"X9"
INCLUDING FRAME

COPY SIZE
3/4" MINIMUM

SPECIAL DATA
SYMBOLS MUST BE ACCOMPANIED VERBAGE. MUST BE PHOTOGRAPHICALLY REPRODUCED. HAND CUT IMAGES UNACCEPTABLE. GRAPHIC SYMBOLS USED IN SQUARE FORMAT SHALL BE CENTERED ON FOUR SIDES.



GRAPHIC SYMBOLS



FIRE SAFETY SIGNS

FUNCTION
PROVIDE EMERGENCY, FIRE EVACUATION INFORMATION.

MODULE SIZE
V3 - 9" X 9"
V4 - 9" X 9"
V5 - 9" X 9"

SPECIAL DATA
V3 - SHALL BE DISPLAYED AT EVERY ELEVATOR CALL BUTTON.
V4 - MUST BE POSTED ON ANY DOOR THAT COULD BE FASELY CONSTRUED AS AN EXIT.
V5 - TO BE DISPLAYED ON EVERY FIRE DOOR NOT AUTOMATICALLY OPERATED.

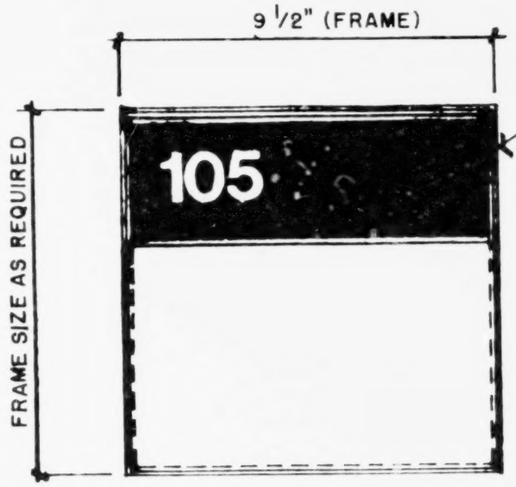
GENERAL NOTE
SEE SPECIFICATIONS FOR ADDITIONAL INFORMATION

NOTES
1. FOR COPY TYPES SIZE, SPACING AND COLOR SEE SPECIFICATIONS.

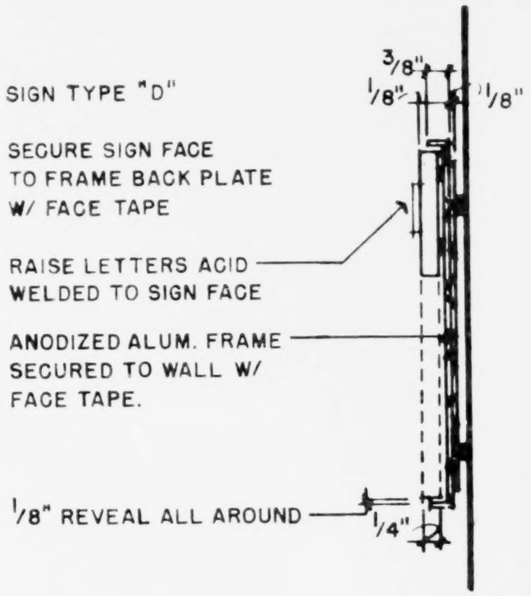
TITLE
INTERIOR SIGNAGE

DATE ISSUED JAN. '81 | REVISION 4/3/86

43B
Veterans Administration STANDARD DETAIL

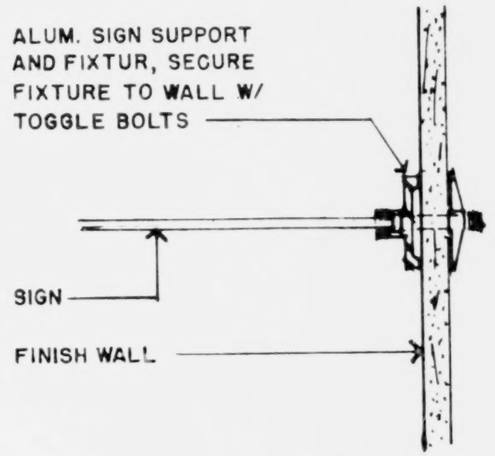


ELEVATION



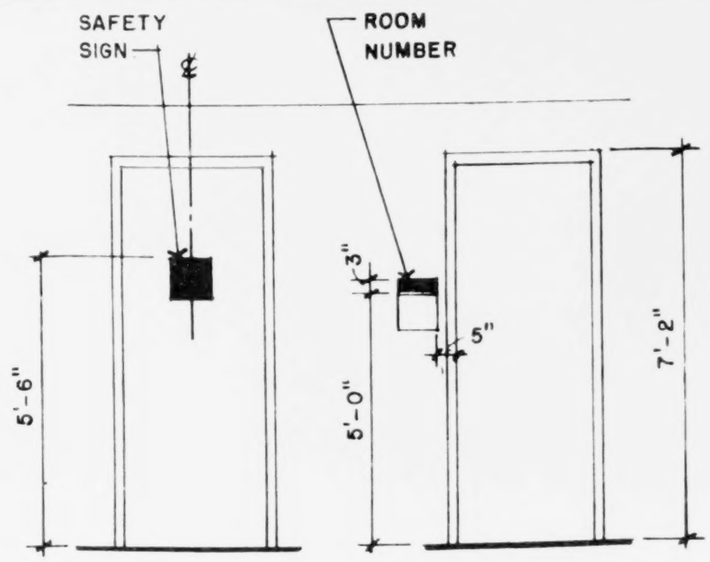
SECTION

FRAME INSTALLATION



ANCHORAGE DETAIL

RIGHT ANGLE SIGN



GRAPHIC SYMBOL ROOM NUMBER

INSTALLATION PLACEMENT

NOTES

1. FOR COPY TYPES SIZE & SPACING SEE SPECIFICATIONS.
2. FOR SIGNAGE COLOR SPECIFICATIONS.

INTERIOR SIGNAGE

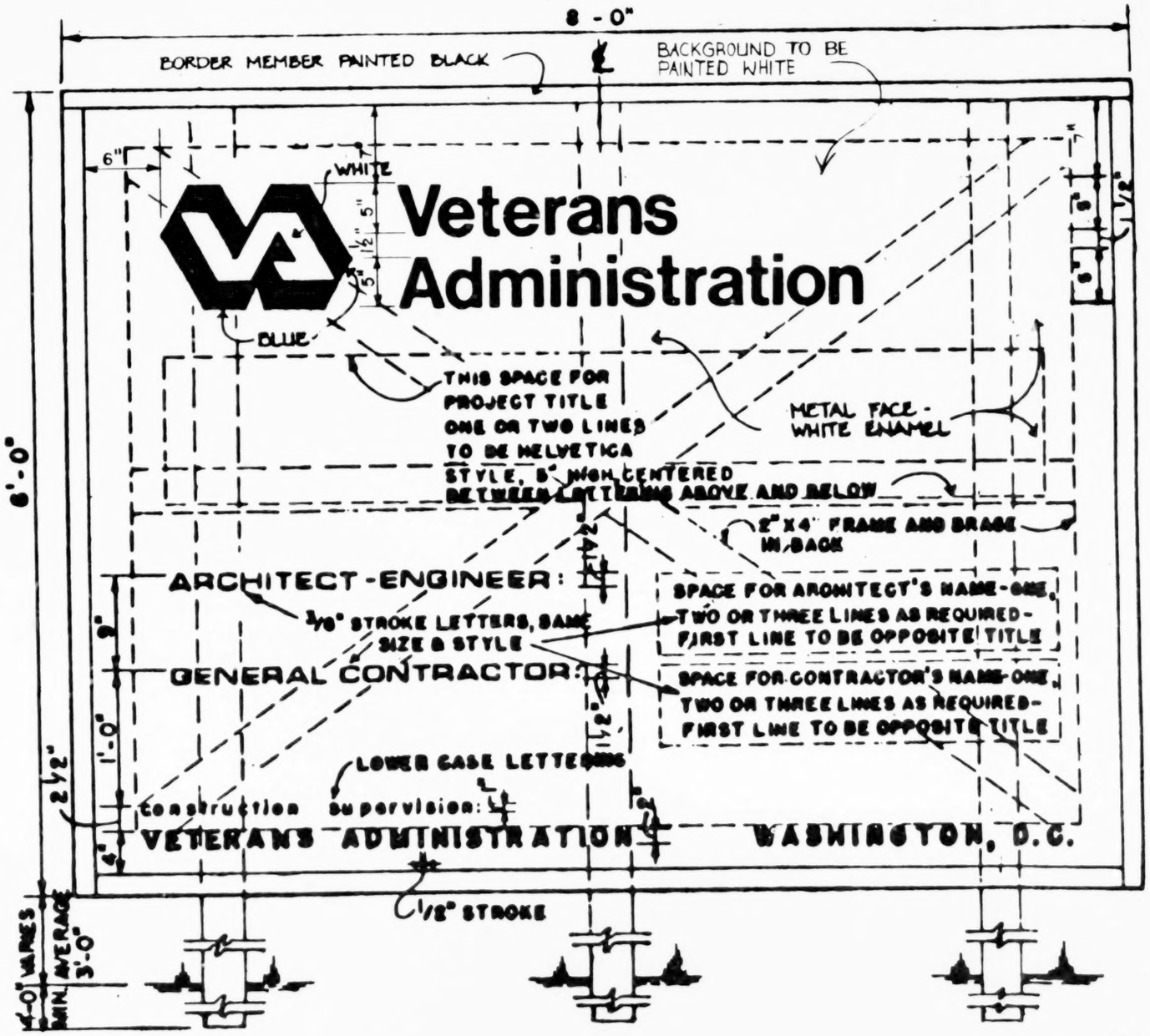
TITLE

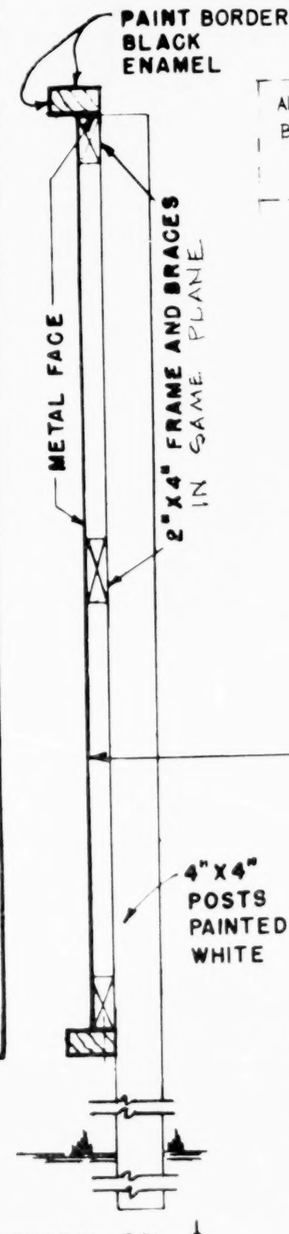
DATE ISSUED JAN. '81

REVISION

43C

Veterans Administration STANDARD DETAIL





SECTION ON ℄

ALL LETTERING TO BE PAINTED BLACK WITH EXCEPTION OF PROJECT TITLE WHICH IS TO BE BLUE

NOTE:
ANY SEAM IN METAL TO BE FLAT SEAM-SEAMS TO BE HORIZONTAL AND OCCUR BETWEEN LINES OF LETTERING.

NOTES

SIGN SHALL BE USED FOR PROJECTS OVER $250,000.00.
SEE STD. DETAIL NO. 44A FOR LOGO DETAILS.

CONSTRUCTION SIGN

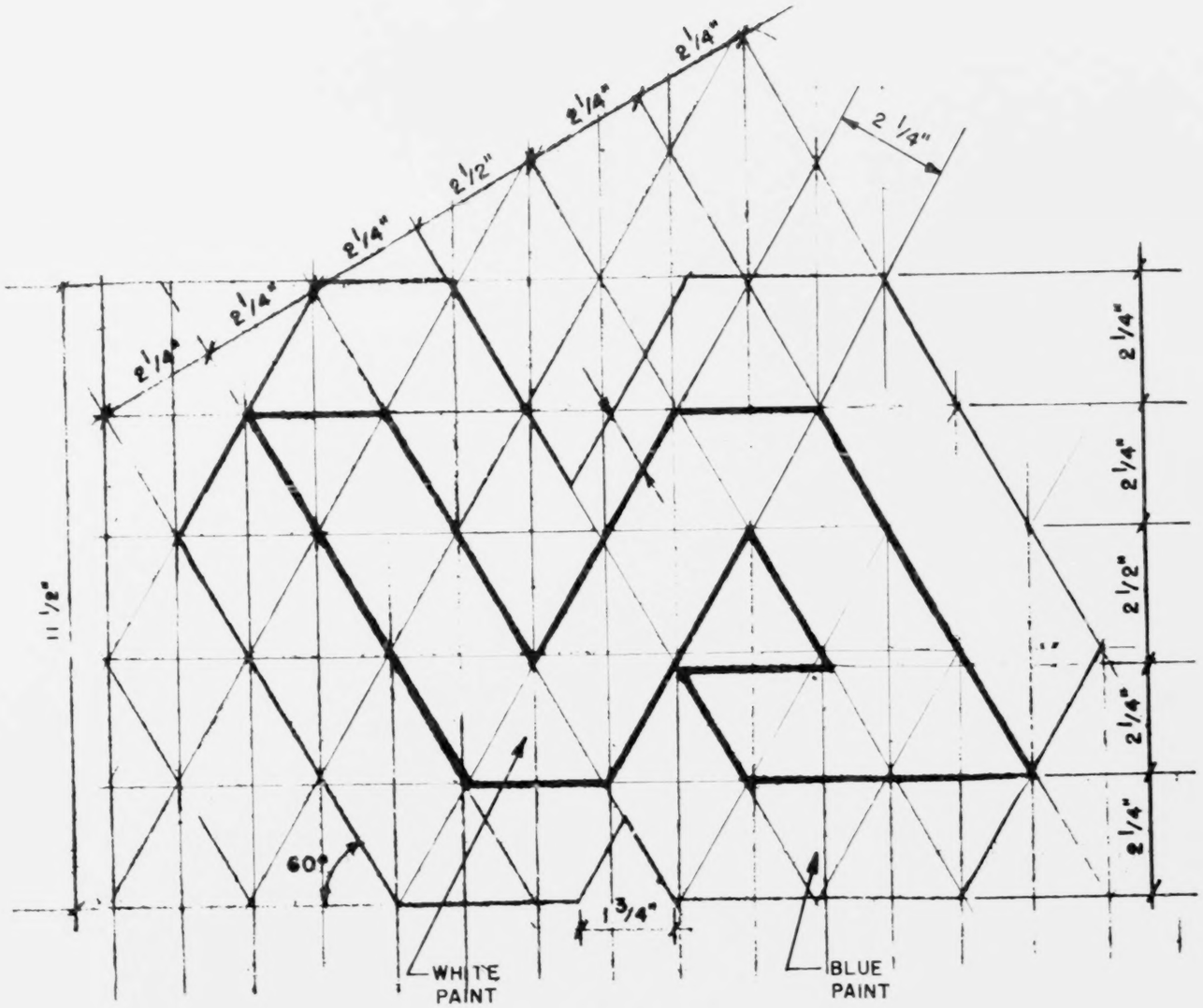
(FOR PROJECTS WITH WORKING DRAWINGS BY A/E)

TITLE

DATE ISSUED APRIL 80 REVISION 10/3/83

44

Veterans Administration STANDARD DETAIL



V.A LOGO

NOT SHOWN TO SCALE

NOTES

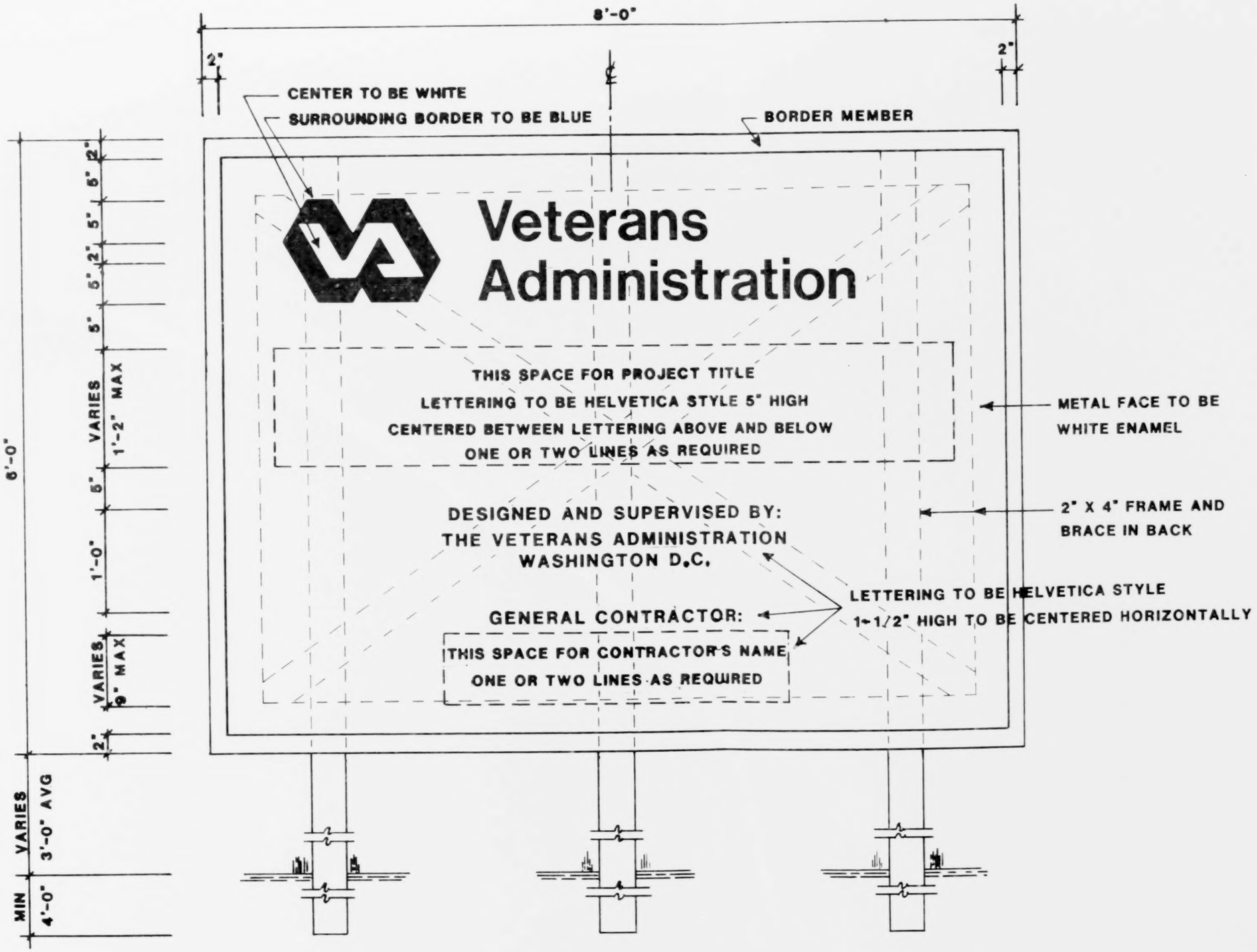
V. A. LOGO

TITLE

DATE ISSUED APRIL 80 REVISION 3/82

44A

Veterans Administration STANDARD DETAIL



NOTES

1 BORDER MEMBERS TO BE PAINTED BLACK.
2 BACKGROUND TO BE PAINTED WHITE.
3 ALL LETTERING TO BE PAINTED BLACK WITH EXCEPTION OF PROJECT TITLE WHICH IS TO BE BLUE.

CONSTRUCTION SIGN

(FOR PROJECTS WITH WORKING DRAWINGS BY V.A.)

TITLE

DATE ISSUED 10/3/83 | REVISION

44B

Veterans Administration STANDARD DETAIL

ATTACHMENT TO SECTION 01, GENERAL REQUIREMENTS

Veterans Administration STANDARD DETAIL 45

SAFETY SIGN

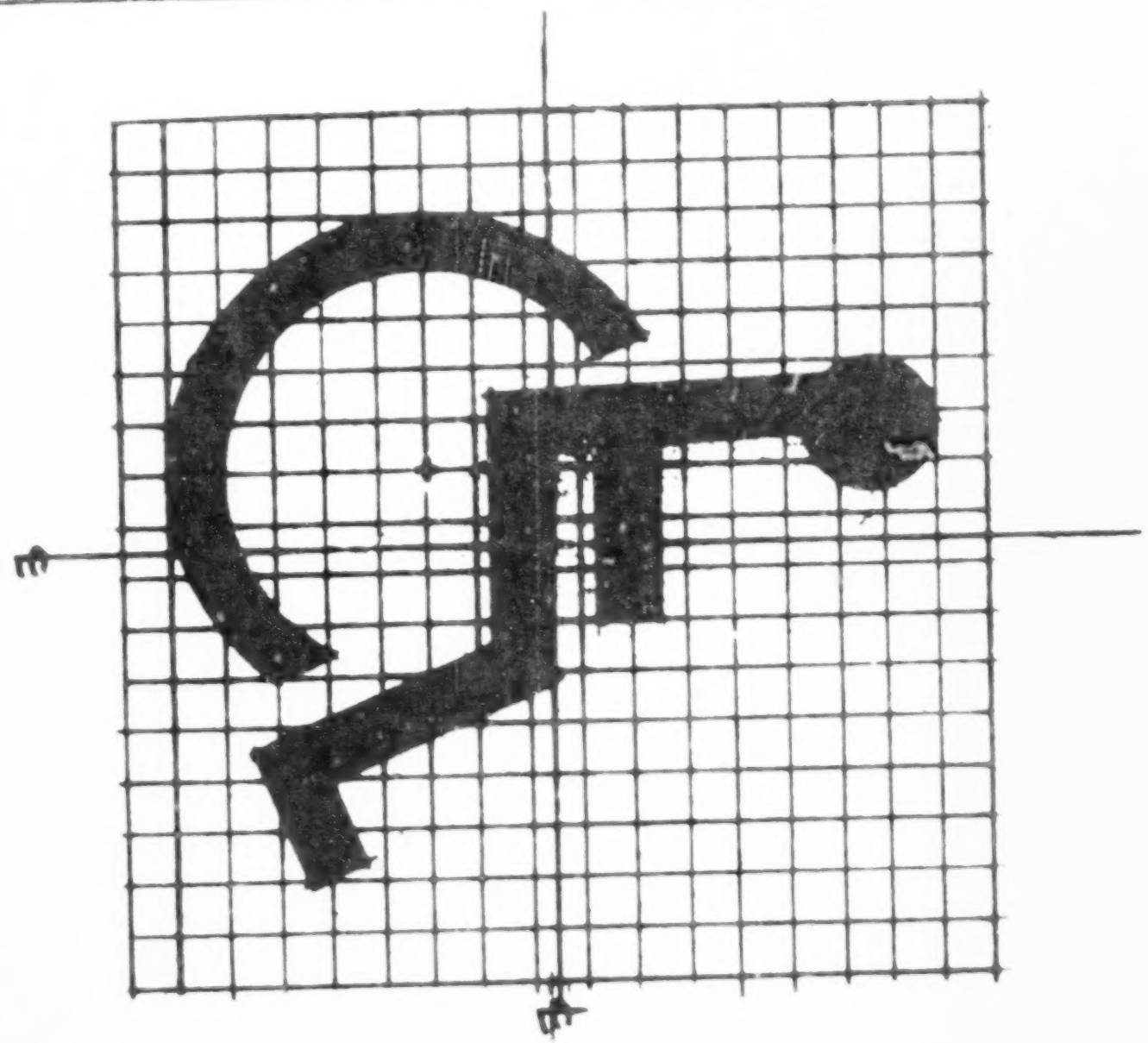
TITLE

DATE ISSUED JAN. '76

REVISION

NOTES

BOARD TO BE MADE OF 3/4" EXTERIOR PLYWOOD. BOARD TO BE PAINTED WITH ONE PRIME COAT AND TWO COATS OF WHITE ENAMEL LETTERING TO BE IN BLACK ENAMEL EXCEPT AS NOTED. THREE (S) SETS OF REMOVABLE NUMBERALS PAINTED ON 1/8" TEMPERED PRESSED HARDBOARD SHALL BE PROVIDED. SIGN TO BE LOCATED ON OR NEAR THE PRIME CONTRACTOR'S OFFICE.



Veterans Administration STANDARD DETAIL

45A

SYMBOL OF ACCESSIBILITY TO THE HANDICAPPED

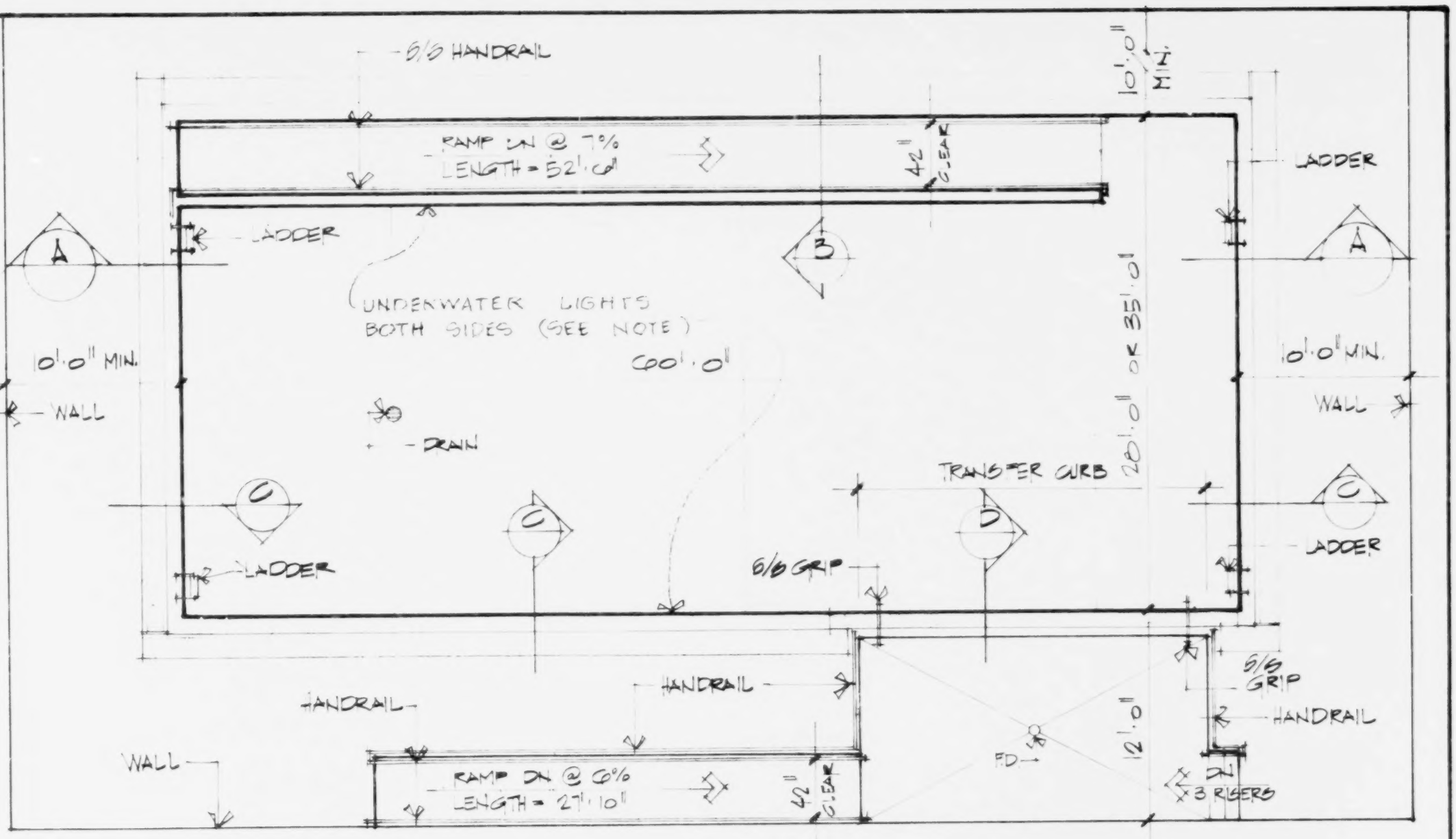
TITLE

DATE ISSUED JAN.'76

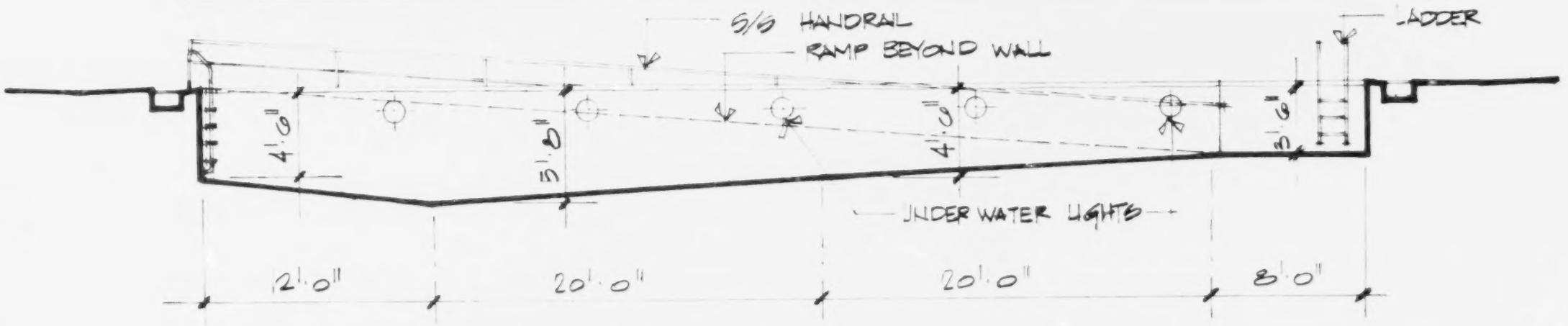
REVISION

NOTES

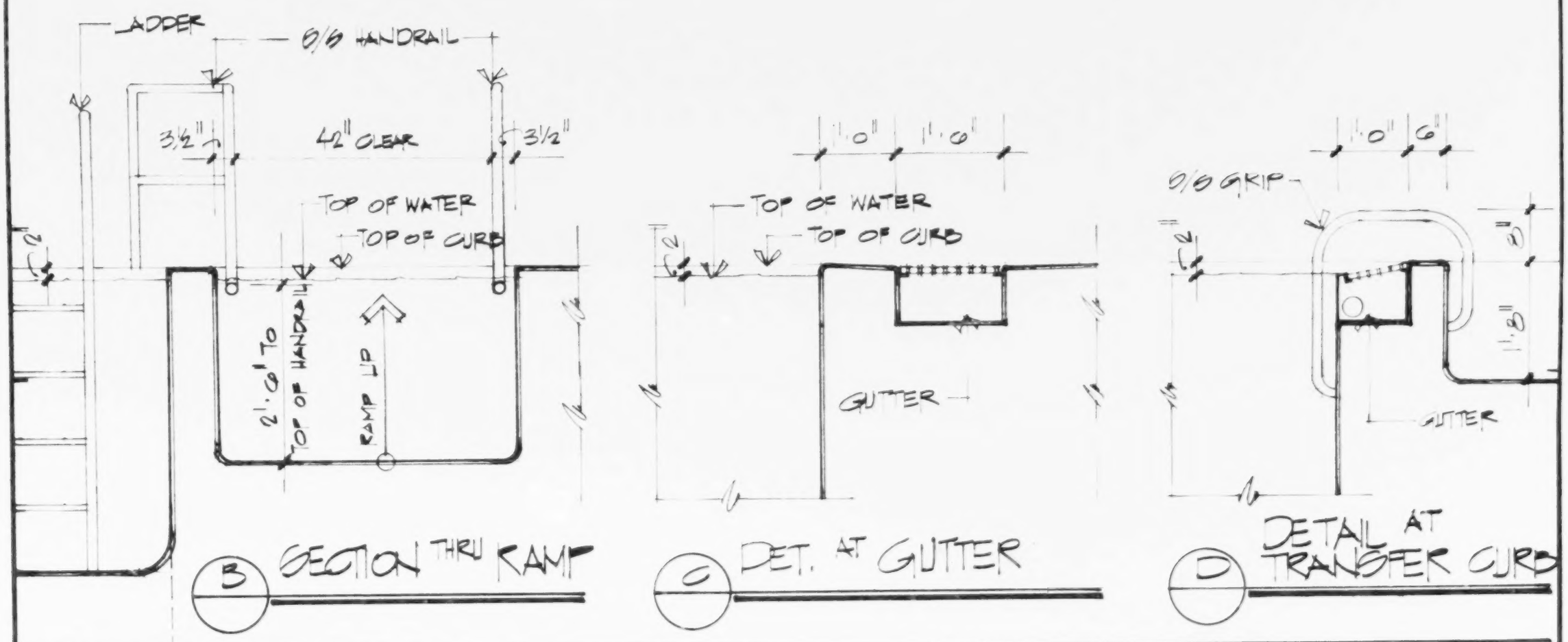
THE ACCESSIBILITY SYMBOL SIGN IS TO HAVE WHITE (REFLECTORIZED) LEGEND ON A BLUE BACKGROUND. THE SYMBOL SIGN SHALL BE USED TO IDENTIFY FACILITIES AND AREAS THAT ARE FULLY ACCESSIBLE TO AND USEABLE BY ALL HANDICAPPED INDIVIDUALS. SEE VA CONSTRUCTION STANDARD (CD-28, PARAGRAPH 5J).



PLAN OF THERAPEUTIC POOL



(A) SECTION THRU THERAPEUTIC POOL



(B) SECTION THRU RAMP

(C) DET. AT GUTTER

(D) DETAIL AT TRANSFER CURB

Veterans Administration STANDARD DETAIL

47

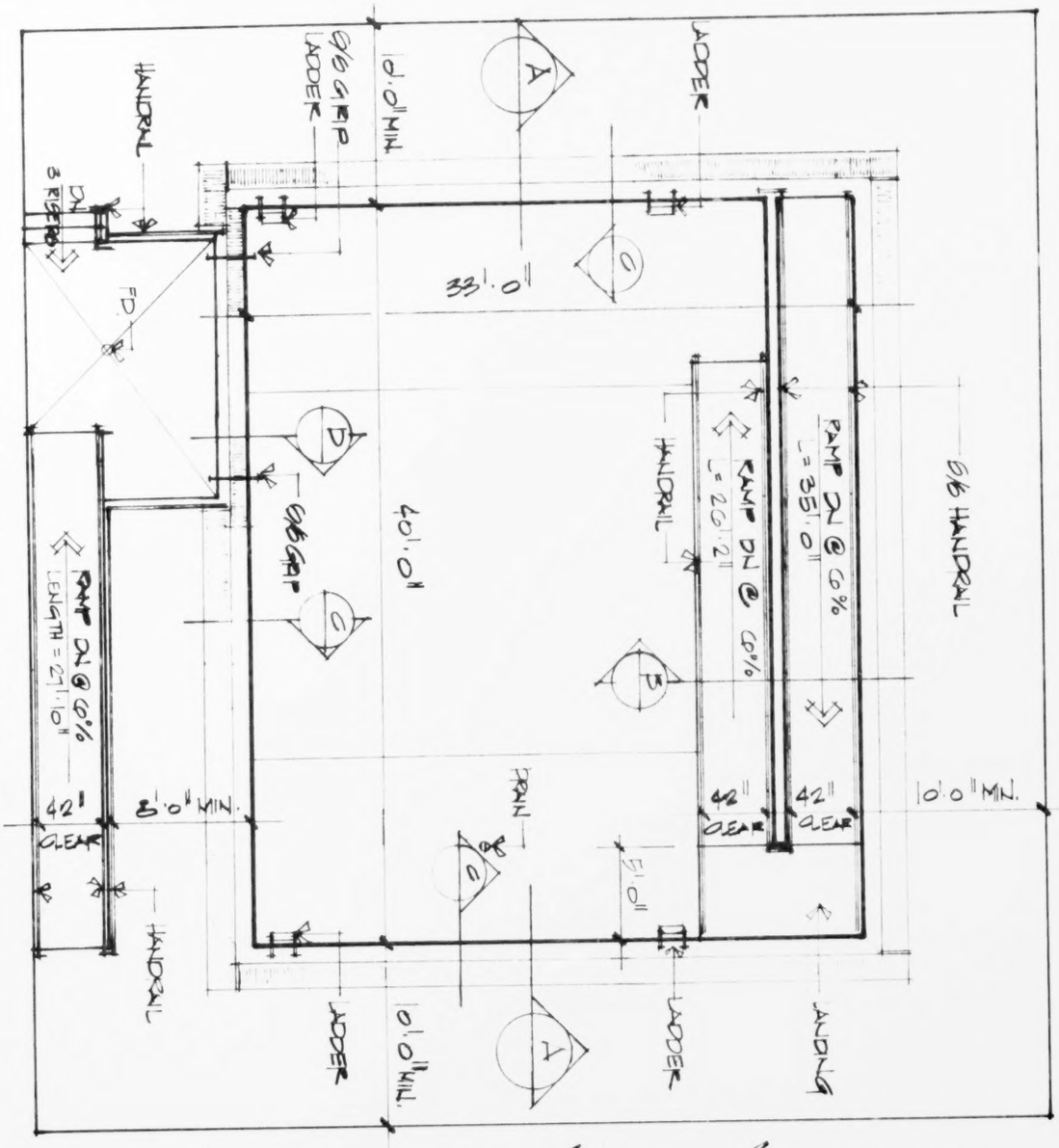
THERAPEUTIC POOLS
60'-0" L x 28'-0" W AND
60'-0" L x 35'-0" W

TITLE

DATE ISSUED Sept. '79 | REVISION 10/3/83 | RJC

NOTES

POOL WALLS WITH LIGHTS MUST BE SUFFICIENTLY THICK TO ACCOMODATE 9" TO 10" DEEP RECESSED UNDERWATER LIGHTS



47A

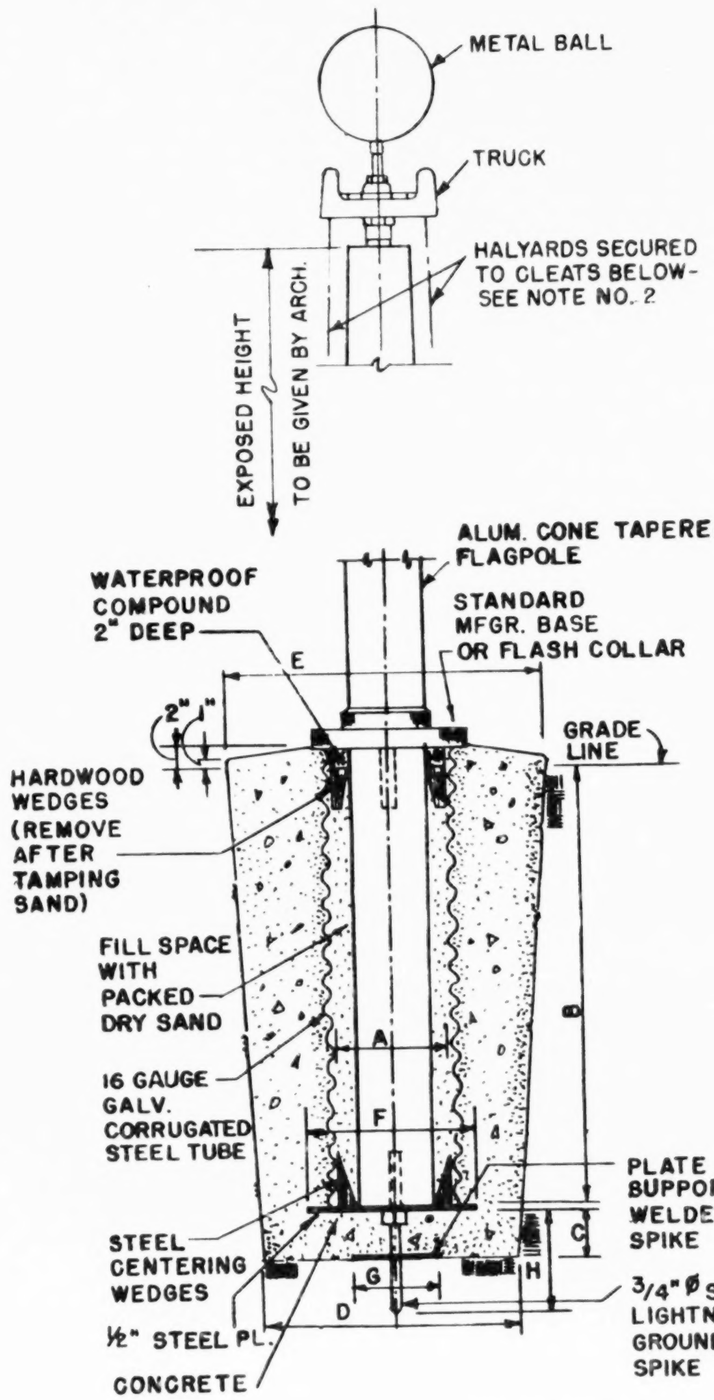
Veterans Administration STANDARD DETAIL

THERAPEUTIC POOL
40'.0" L x 33'.0" W

TITLE

DATE ISSUED Sept. '79 | REVISION

NOTES



NOTE: CONSULT O/C IF ALLOWABLE SOIL BEARING PRESSURE IS LESS THAN 3,000 POUNDS PER SQUARE FOOT.

FLAGPOLE & FOOTING DIMENSIONS

EXPOSED HEIGHT IN FEET	DIA. OF BALL	DIA. OF POLE AT TOP	DIA. OF POLE AT BUTT	A	B	C	D	E	F	G	H
	DIMENSIONS IN INCHES										
40	8	3 1/2	7 5/8	12	48	9	36	45	16	4	18
45	8	3 1/2	8 5/8	12	54	9	36	45	16	4	18
50	10	3 1/2	9 5/8	14	60	10	42	48	18	4 1/2	20
60	10	4	10 3/4	14	72	12	42	48	18	4 1/2	24
65	12	4	11 3/4	16	78	12	42	48	20	5	24
70	12	4	12	18	84	12	42	60	22	6	24
75	14	4	12	18	90	12	42	60	22	6	24

ALL DIMENSIONS ARE MINIMUM

NOTES

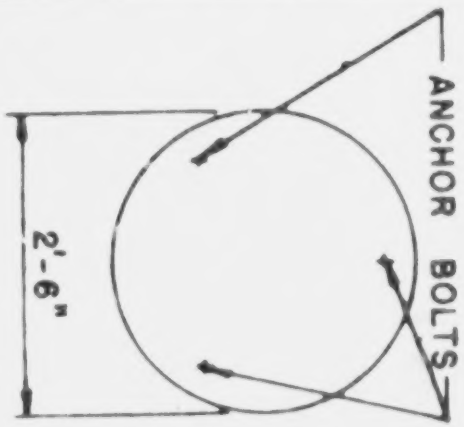
1. Foundations shall be properly designed for flagpoles of lesser or greater height than those shown in schedule above.
2. VA Cemetery Service shall advise the Architect when halyards are to be installed within the pole.
3. For pole height limitations see VA Construction Standard CD-7.

TITLE: FLAGPOLE DETAILS

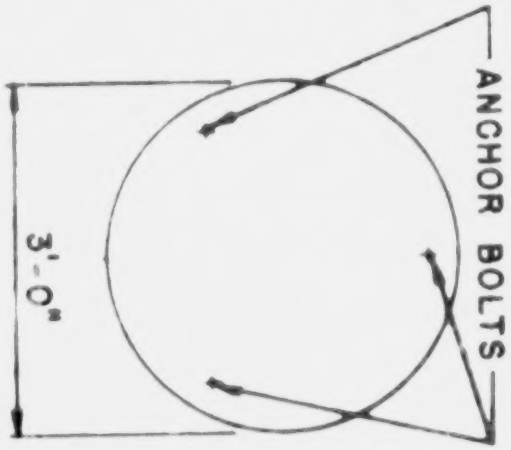
DATE ISSUED JUNE '78 | REVISION 3/11/82

79

Veterans Administration STANDARD DETAIL



SEAL SIZE "C"

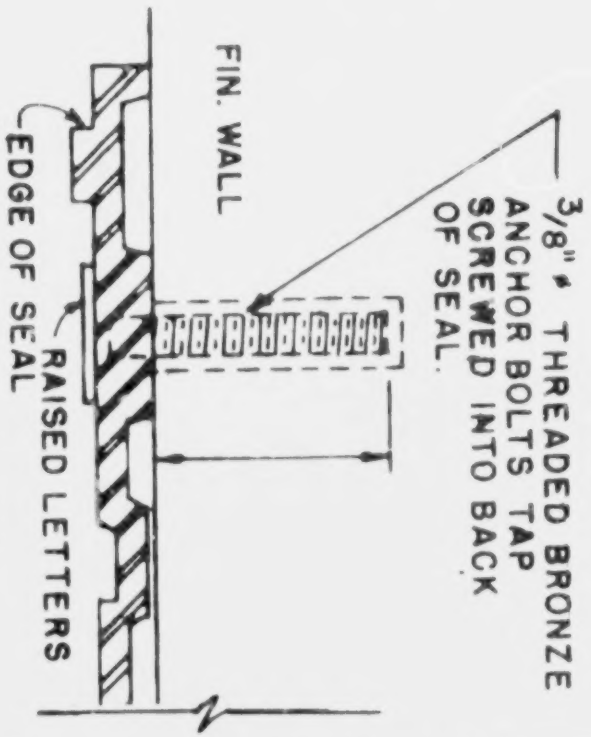


SEAL SIZE "B"

SEAL SIZE "A"

ELEVATIONS
OF SEALS

NOTE :-
ANCHOR BOLTS SHALL EXTEND 2" MIN.
INTO SOLID MASONRY OR CONCRETE.
DRILL 1/2" HOLES IN MASONRY OR CONCRETE
AND FILL WITH EXPOXY BEFORE INSERTING
THREADED BOLTS, PROVIDE SPECIAL DETAIL
OF ANCHORAGE WHERE SEAL IS ATTACHED
TO OTHER MATERIAL.



1/2 F. S. DETAIL
OF FASTENING

Veterans Administration STANDARD DETAIL 50

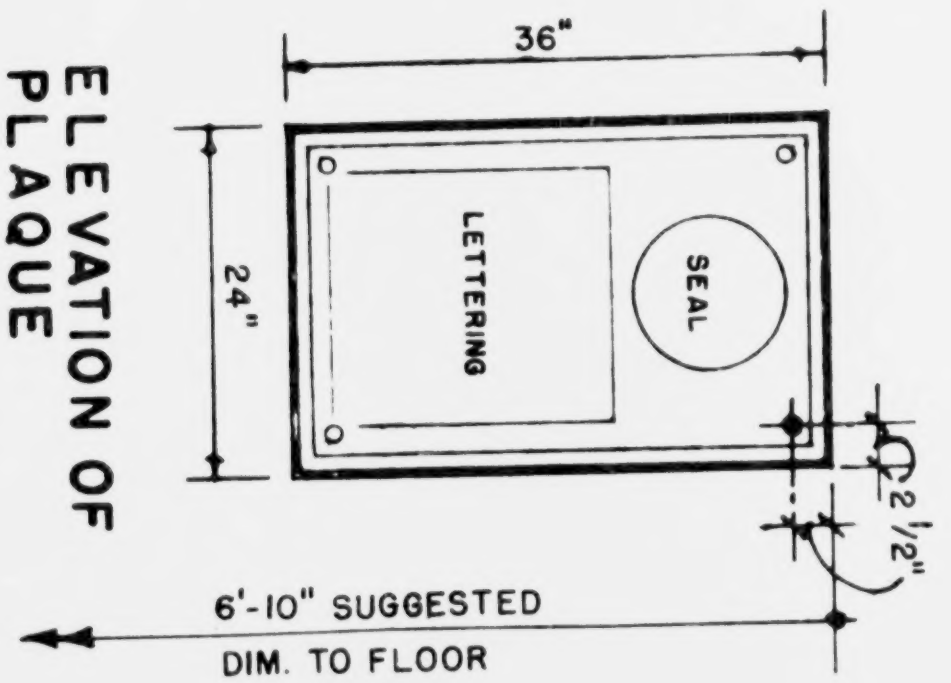
SEALS, EXTERIOR

TITLE

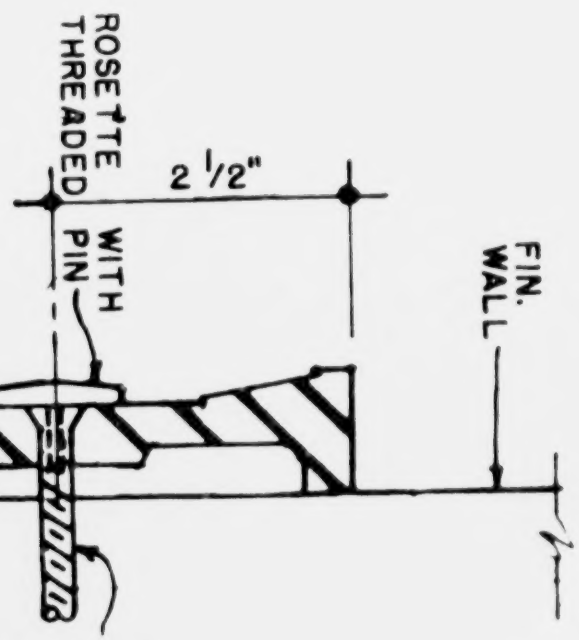
DATE ISSUED MAR.'78 | REVISION 12/29/82 FC

NOTES

1. SEALS SHALL BE PLACED WHERE INDICATED ON DRAWINGS.
2. SEALS WILL BE FURNISHED BY THE VETERANS ADMINISTRATION AND INSTALLED BY THE CONTRACTOR.
3. SIZE SELECTED SHALL BE DETERMINED BY THE V.A.
4. MATERIAL SHALL BE CAST BRONZE.



ELEVATION OF PLAQUE



1/2 F.S. DETAIL OF FASTENING

Veterans Administration STANDARD DETAIL

50A

DEDICATION PLAQUES

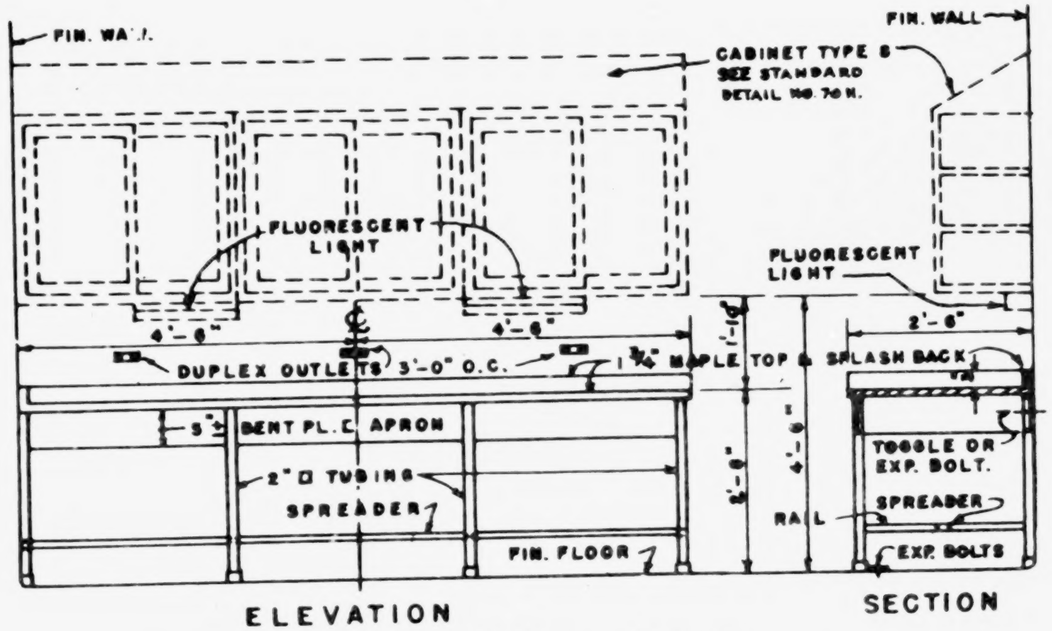
TITLE

DATE ISSUED SEPT. '79

REVISION

NOTES

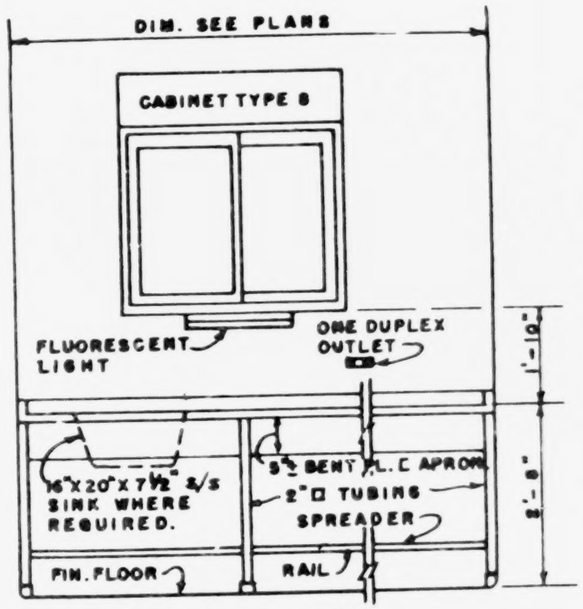
1. A PLAQUE SHALL BE LOCATED IN THE LOBBY OF THE BUILDING TO BE DEDICATED. IF THERE IS NO LOBBY OR THE LOBBY IS UNSUITALBE FOR MOUNTING A PLAQUE, THE PROJECT DIRECTOR SHALL INDICATE TO THE A/E A SUITABLE LOCATION FOR THE PLAQUE.
2. PLAQUE WILL BE FURNISHED BY THE VETERANS ADMINISTRATION AND INSTALLED BY THE CONTRACTOR.
3. MATERIAL WILL BE CAST BRONZE.



ELEVATION SECTION

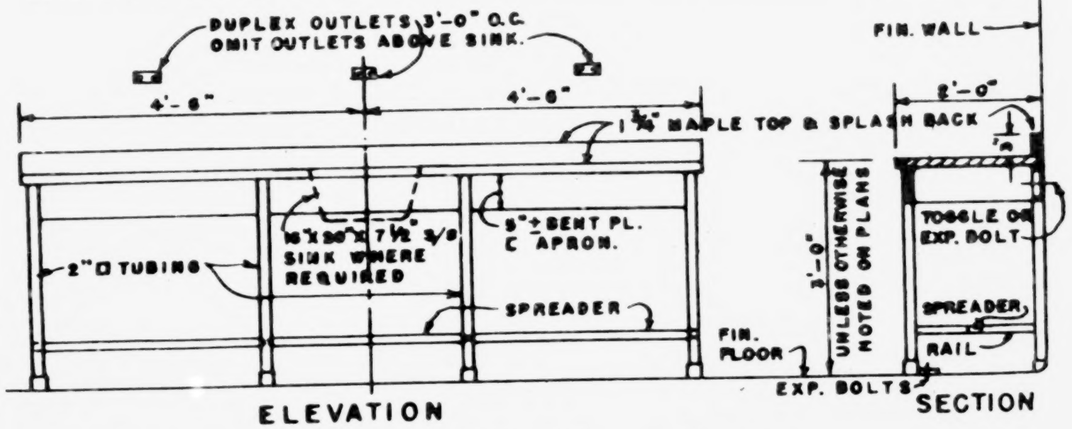
BENCH TYPE 29A

NOTE: BENCH TYPE 29B SIMILAR TO TYPE 29A EXCEPT AS OTHERWISE NOTED.



ELEVATION

BENCH TYPE 29B



ELEVATION SECTION

BENCH TYPE 29

NOTE:
BENCH LEGS AT WALL SHALL BE CUT TO FIT COVE OF ROOM BASE.
BENCHES SHALL BE SECURED TO FLOOR AND WALL AS INDICATED WITH TOGGLE OR EXPANSION BOLTS.
SEE ARCHITECTURAL PLANS FOR LOCATION OF SINK WHERE REQUIRED IN BENCHES TYPES 29, 29B AND 30A.
PROVIDE GOOSE NECK FAUCET, SURFACE MOUNTED, FOR SINK IN BENCHES TYPES 29 AND 29B.
SEE ARCH. PLANS FOR ANY VARIATION IN LENGTH OR HEIGHT OF TYPE 29.

NOTES

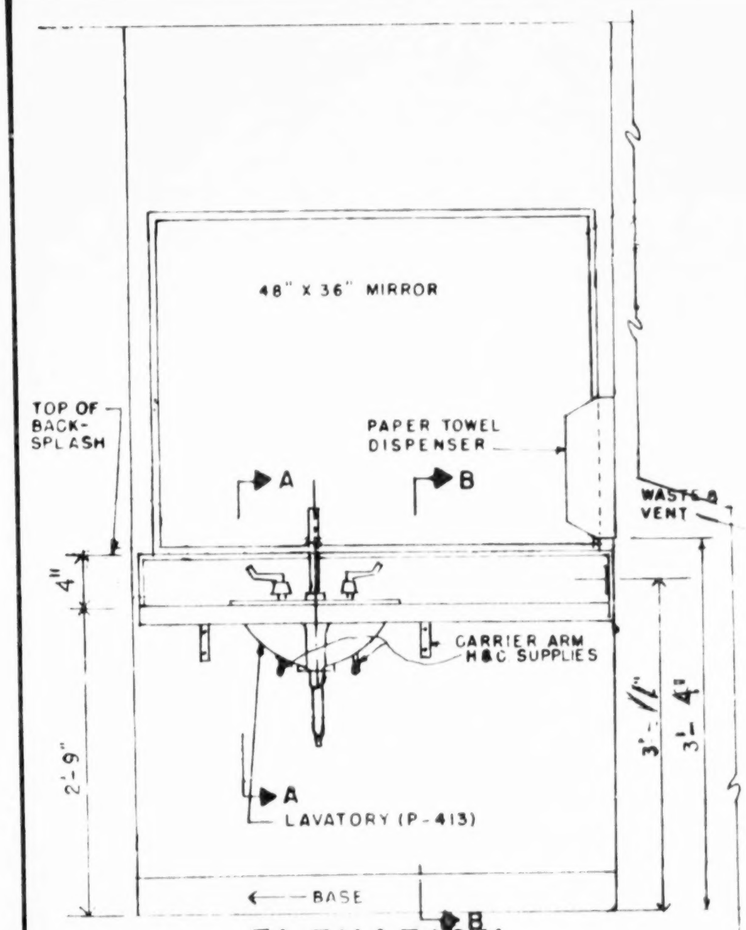
BENCHES
TYPES 29, 29A & 29B

TITLE

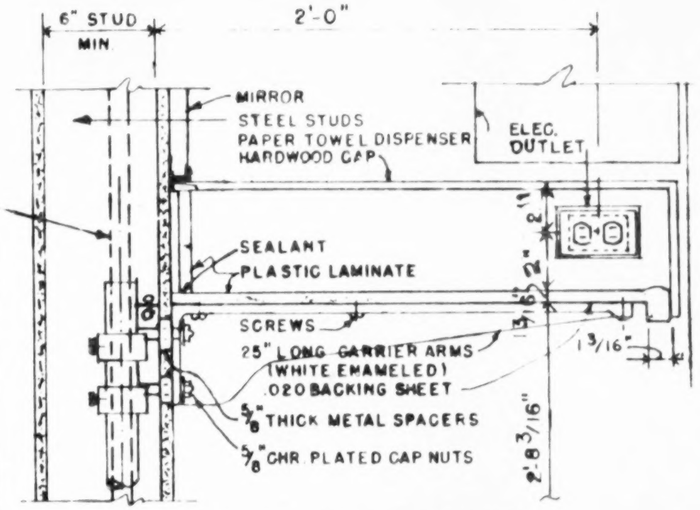
DATE ISSUED DEC. '74 | REVISION 6/82

52

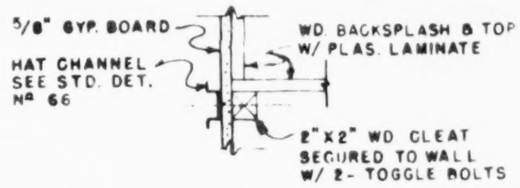
Veterans Administration STANDARD DETAIL



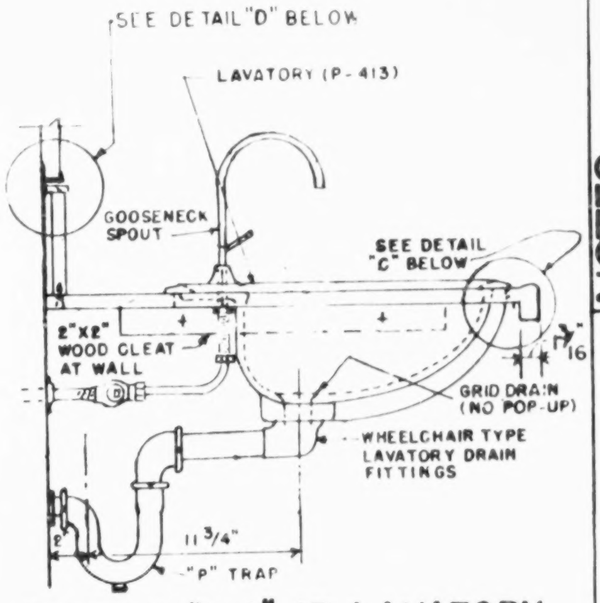
ELEVATION



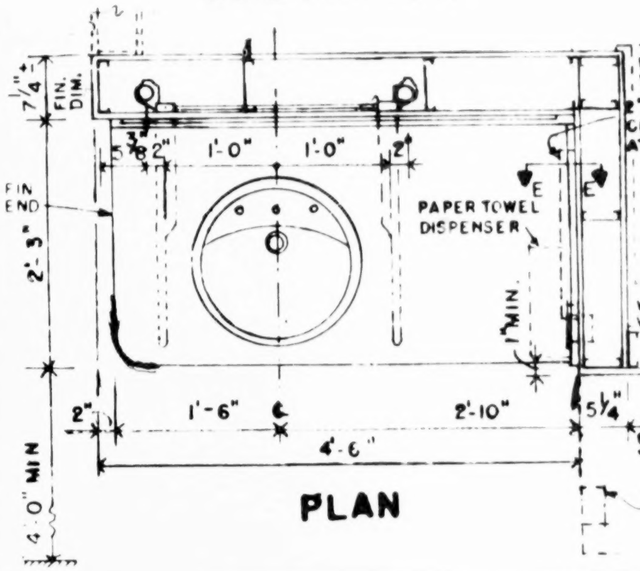
SECTION "B-B" AT CARRIER



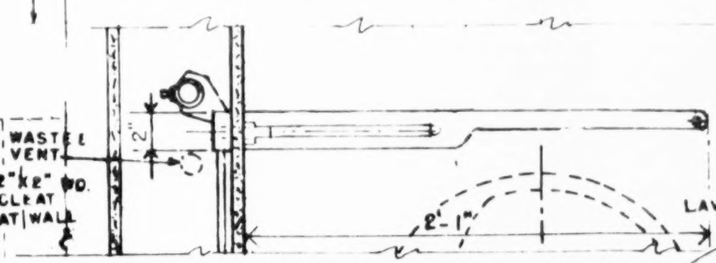
SECTION "E-E" - AT WALL



SECTION "A-A" AT LAVATORY

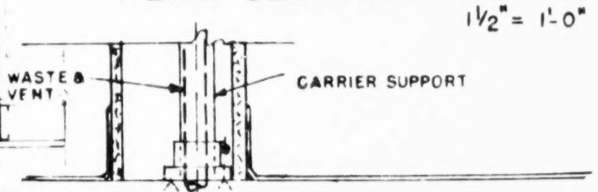


PLAN



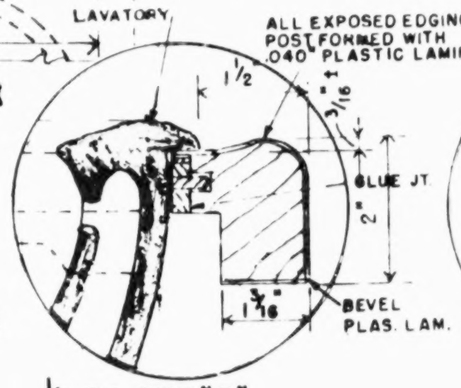
PLAN SECTION - CARRIER

1 1/2" = 1'-0"



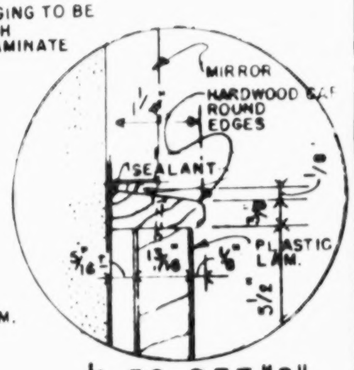
SECT. "B-B" AT FLOOR - CARRIER

PREFERRED LOCATION OF DUPLEX OUTLET IF SIDE WALL EXTENDS FAR ENOUGH.



1/2 F.S. DET. "C"

FRONT EDGE



1/2 F.S. DET. "D"

BACKSPLASH CAP

NOTES

VANITY, SINGLE W/C-TYPE S4

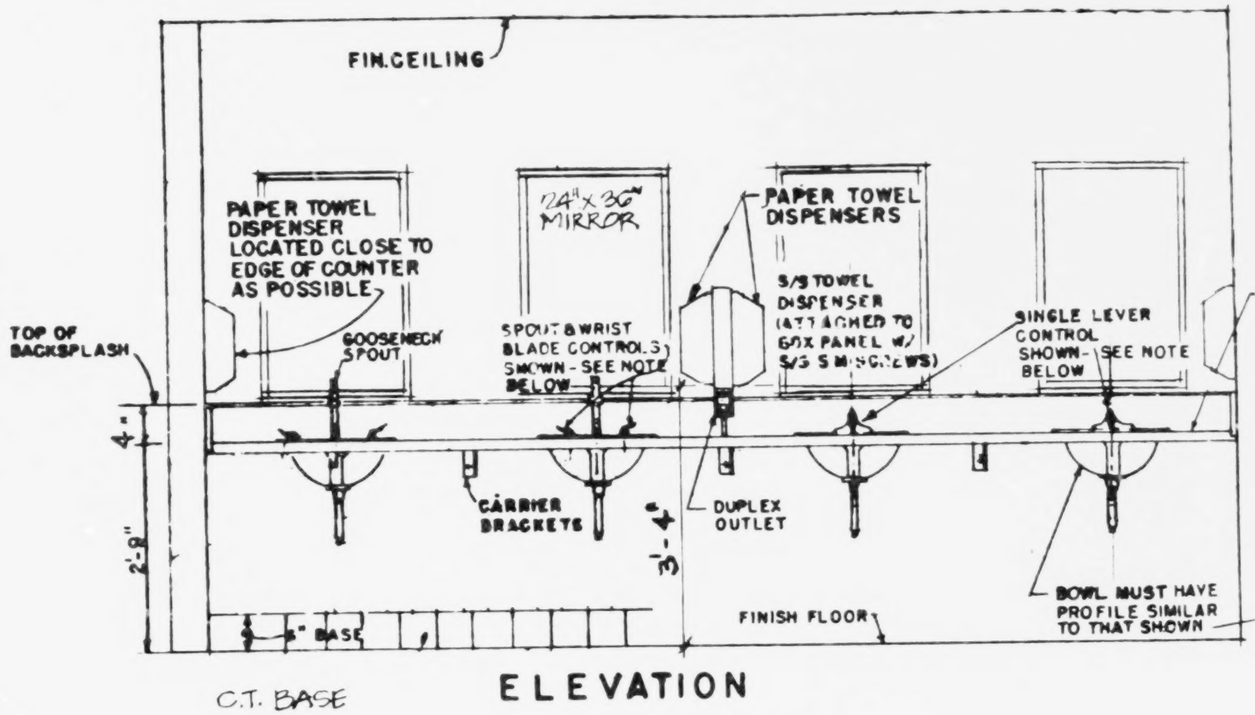
TITLE

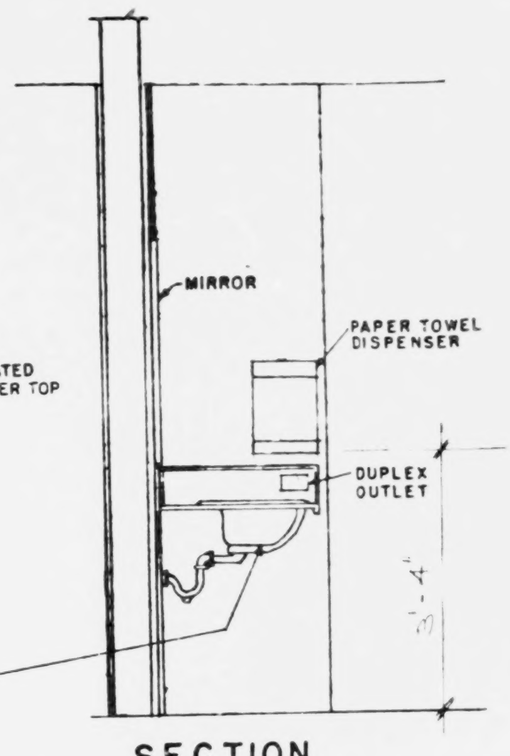
DATE ISSUED JAN. '79

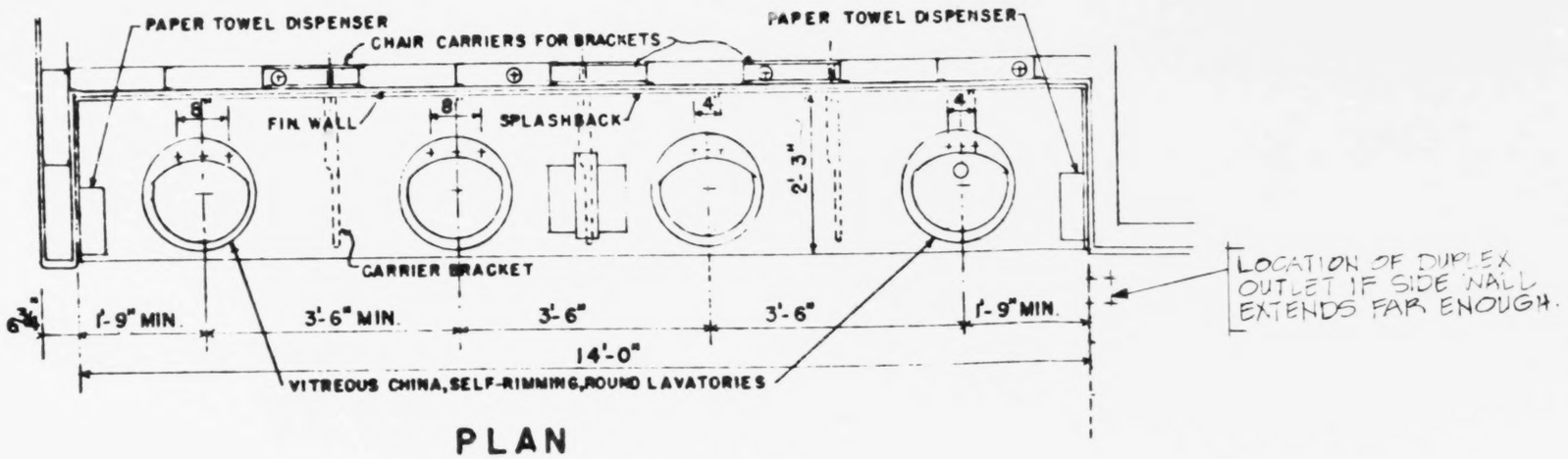
REVISION 6/17/94 KD

53

Veterans Administration STANDARD DETAIL







NOTES

SPOUT & WRIST BLADE OR SINGLE HANDLE FAUCETS MAY BE USED AT EACH LAV. AS DETERMINED FOR EACH PROJECT OR ON AN INDIVIDUAL BASIS.

SEE STD. DETS., 53 AND 53B FOR DETAILS NOT SHOWN ON THIS SHEET.

VANITY, MULTIPLE
WHEEL CHAIR - TYPE S-4M

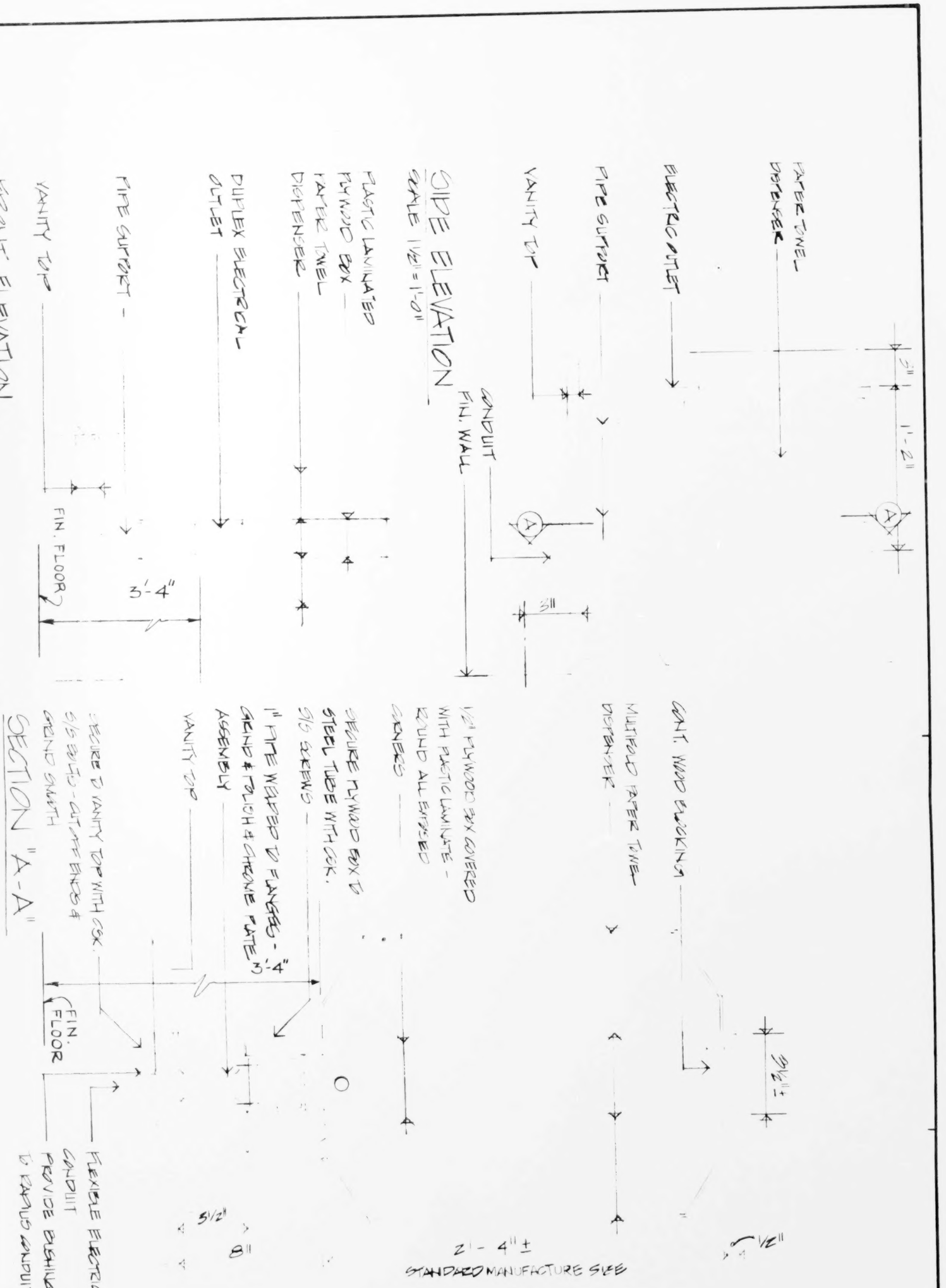
TITLE

DATE ISSUED JAN. '79

REVISION 96 [illegible]

53A

Veterans Administration STANDARD DETAIL



53B

Veterans Administration STANDARD DETAIL

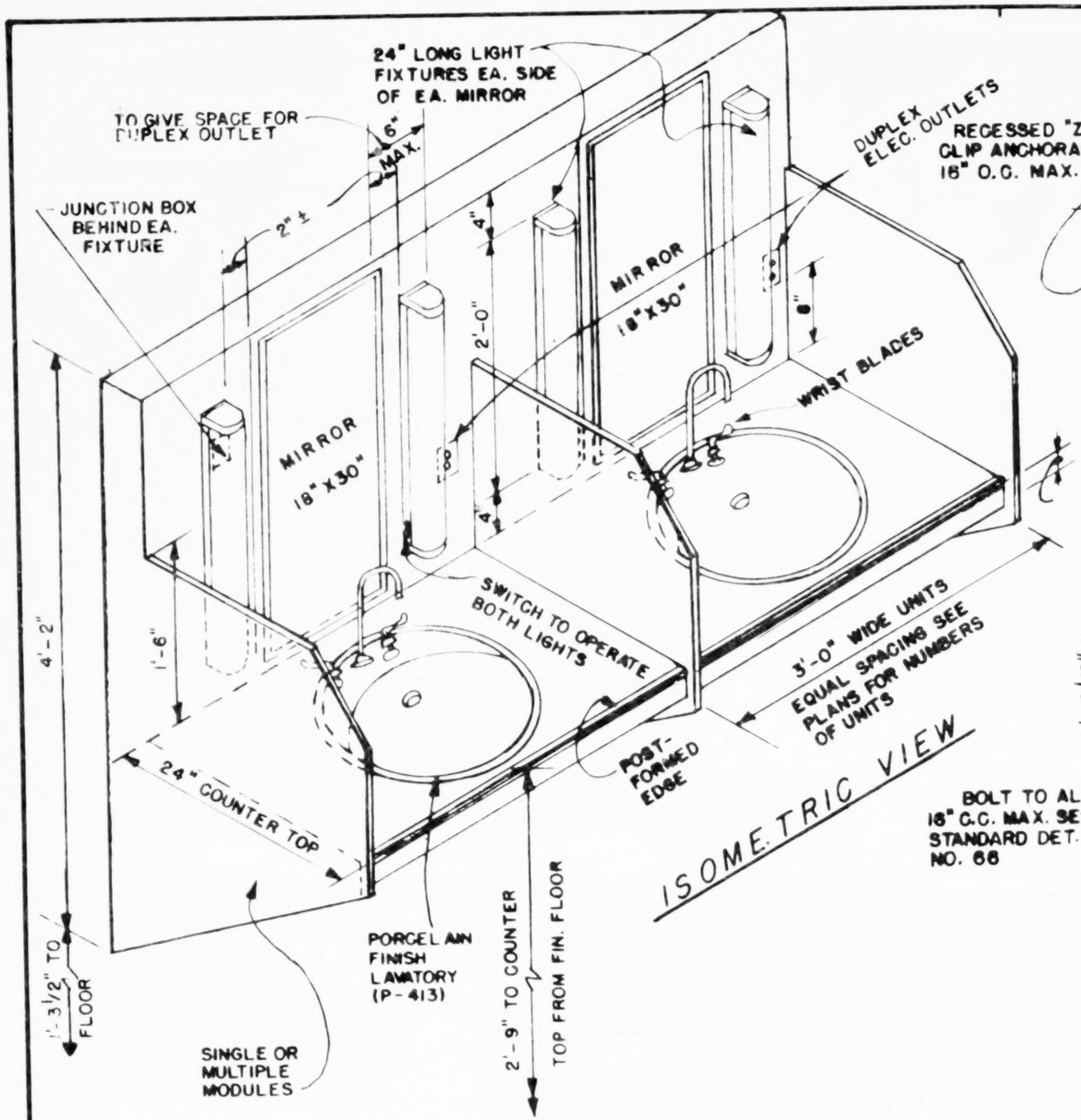
PAPER TOWEL DISPENSER
FOR MULTIPLE LAVATORIES @ W/C VANITIES

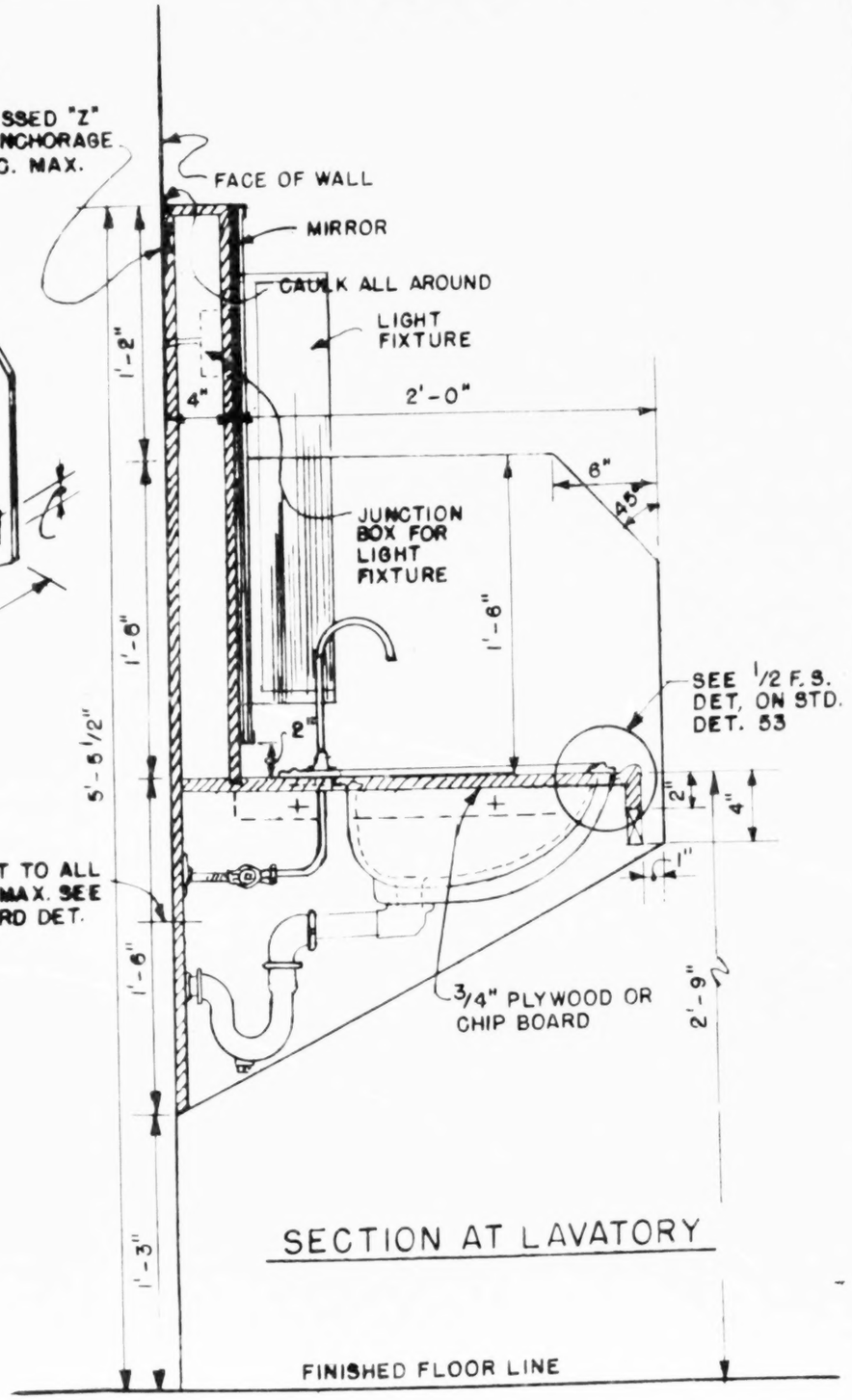
TITLE

DATE ISSUED Sept. '79 | REVISION 6/17/86

NOTES

1. USE FOR W/C VANITIES WITH 2 OR MORE BASINS UNLESS "WING WALLS" ARE PROVIDED TO ALLOW PAPER TOWEL DISPENSER & ELECTRICAL OUTLET ADJACENT TO EACH BASIN.





NOTES

1. FOR CARRIER SUPPORT DETAILS SEE PLAN SECTION & SECTION "B"B" ON STD. 53.
2. ALL EXPOSED SURFACES TO BE LAMINATED PLASTIC, CORNERS BEVELED.
3. CONTRACTOR SHALL SUPPLY SHOP DRAWINGS SHOWING LARGE SCALE DETAILS OF CABINET WORK, MATERIAL SIZES & JOINTING.

PREVENTIVE DENTISTRY PATIENT PARTICIPATION MODULE

TITLE

DATE ISSUED JAN. '79	REVISION

53C

Veterans Administration STANDARD DETAIL

best copy available

NOTES

1. FOR USE IN ALL PATIENT BEDROOM AND TOILET/BATHROOMS EXCEPT SCI, NURSING HOME CARE UNITS, OR WHERE NURSERYERS ARE PROVIDED.

VANITY, SINGLE
TYPE S5

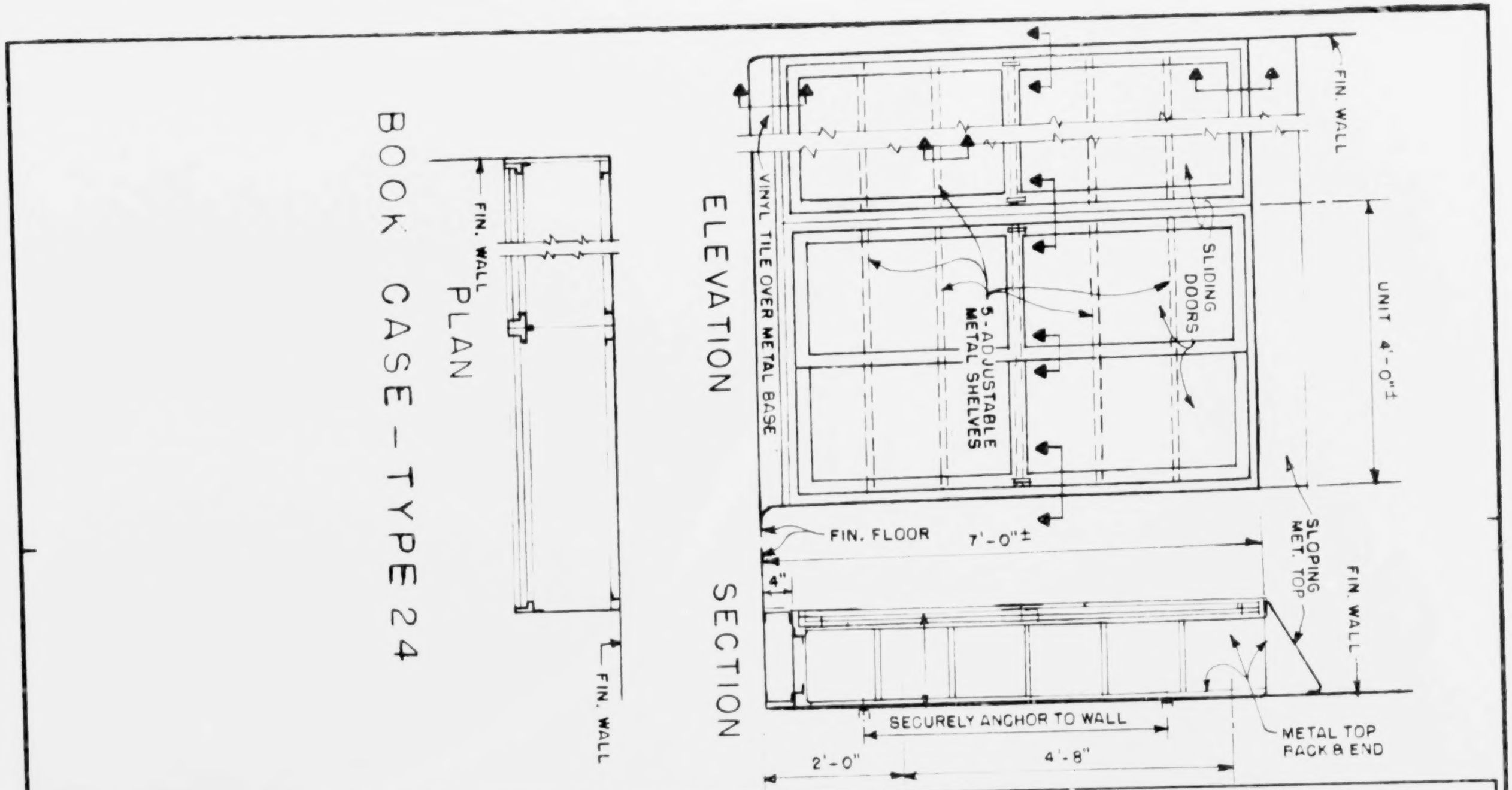
53D

Veterans Administration STANDARD DETAIL

TITLE

DATE ISSUED 11-2-87

REVISION 6/11/86 PB



BOOK CASE - TYPE 24

54

Veterans Administration STANDARD DETAIL

BOOK CASE TYPE 24

TITLE

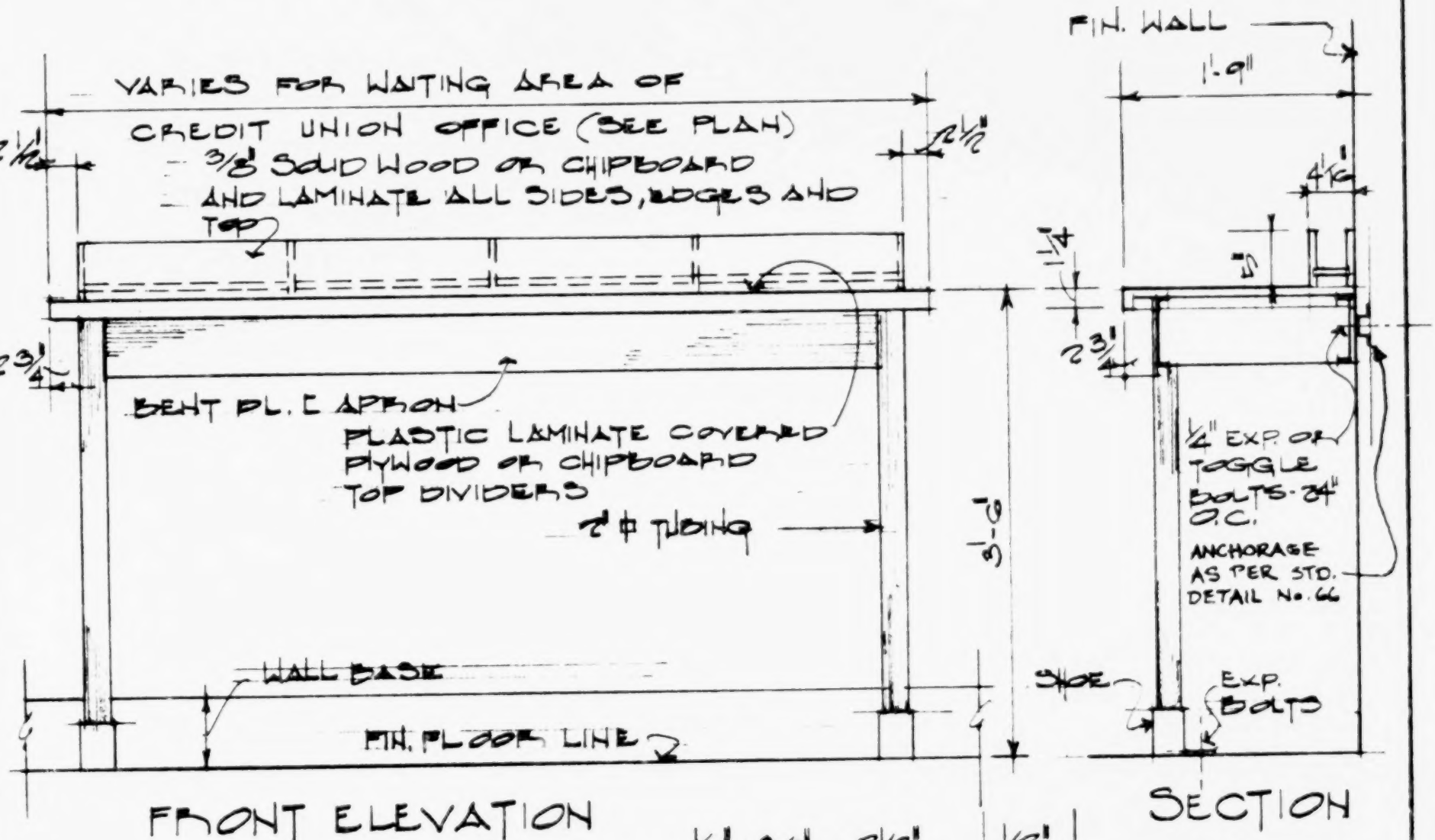
DATE ISSUED DEC. 74

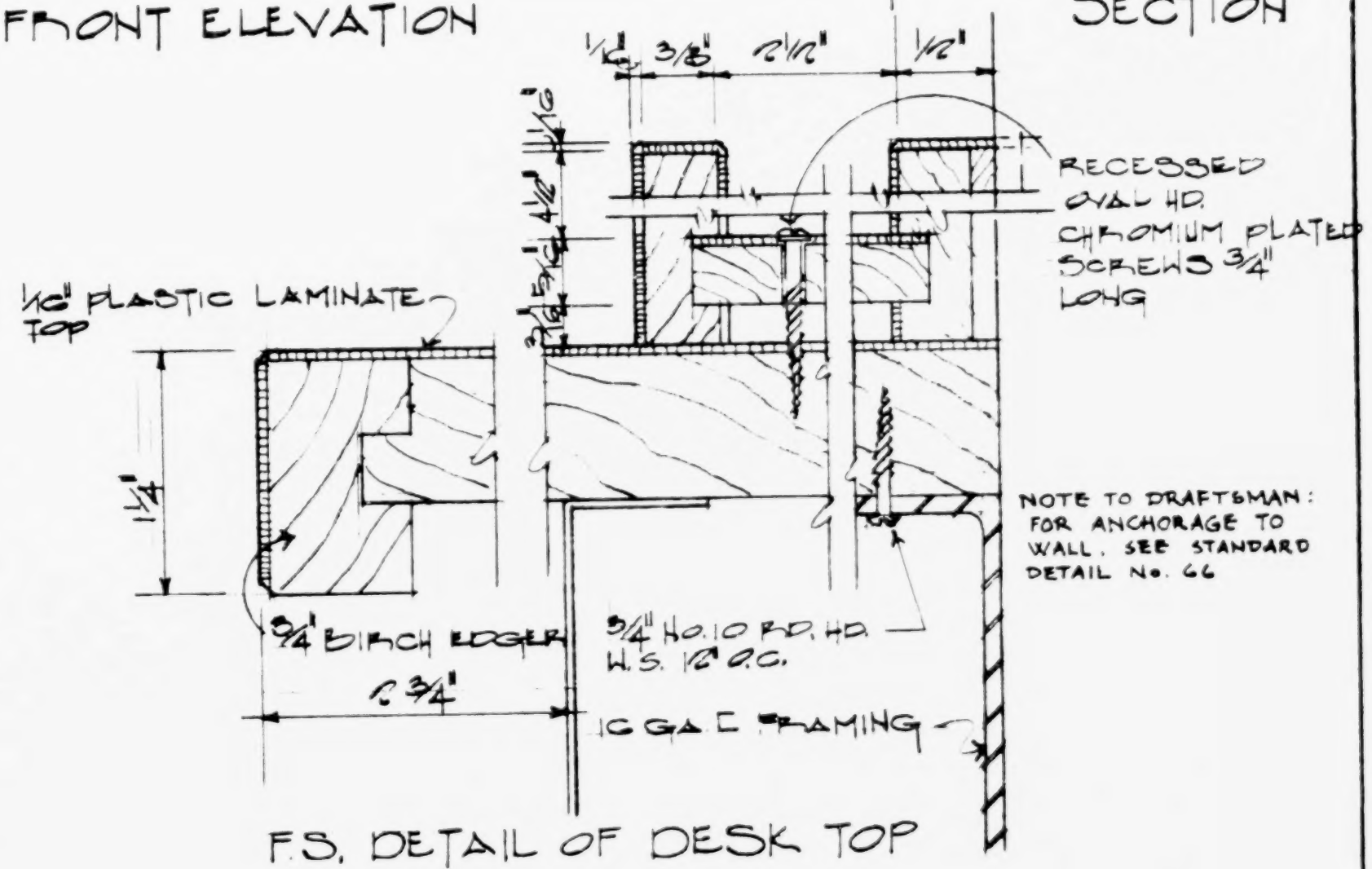
REVISION

NOTES

NOTE TO CONTRACTOR: PROVIDE SHOP DRAWINGS FOR SECTIONS SHOWN (↓ ↓)

NOTE TO DRAFTSMAN: FOR ANCHORAGE TO WALL, SEE STANDARD DETAIL NO. 66





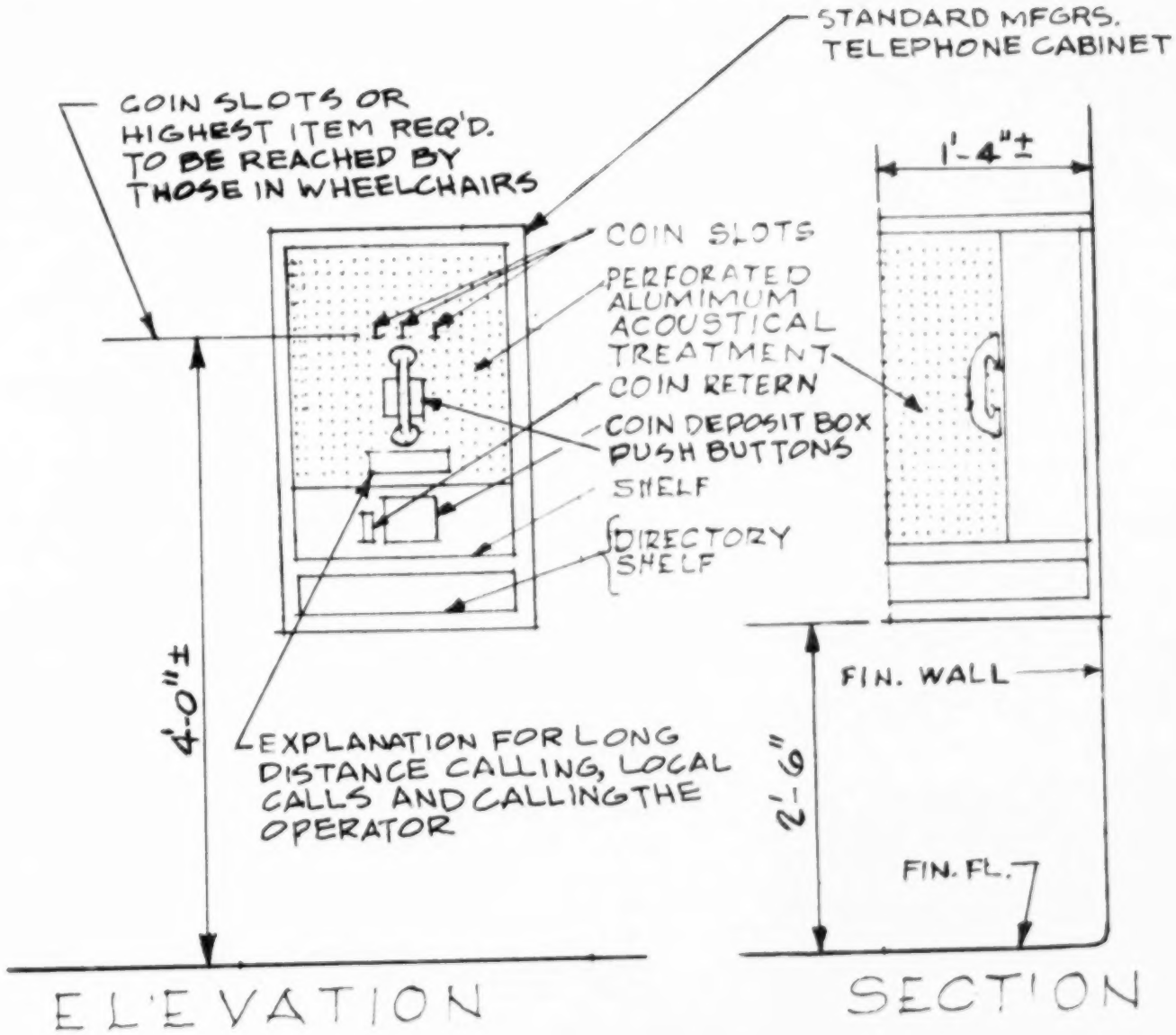
F.S. DETAIL OF DESK TOP

DESK IN CREDIT UNION OFFICE

DEC-'74

55

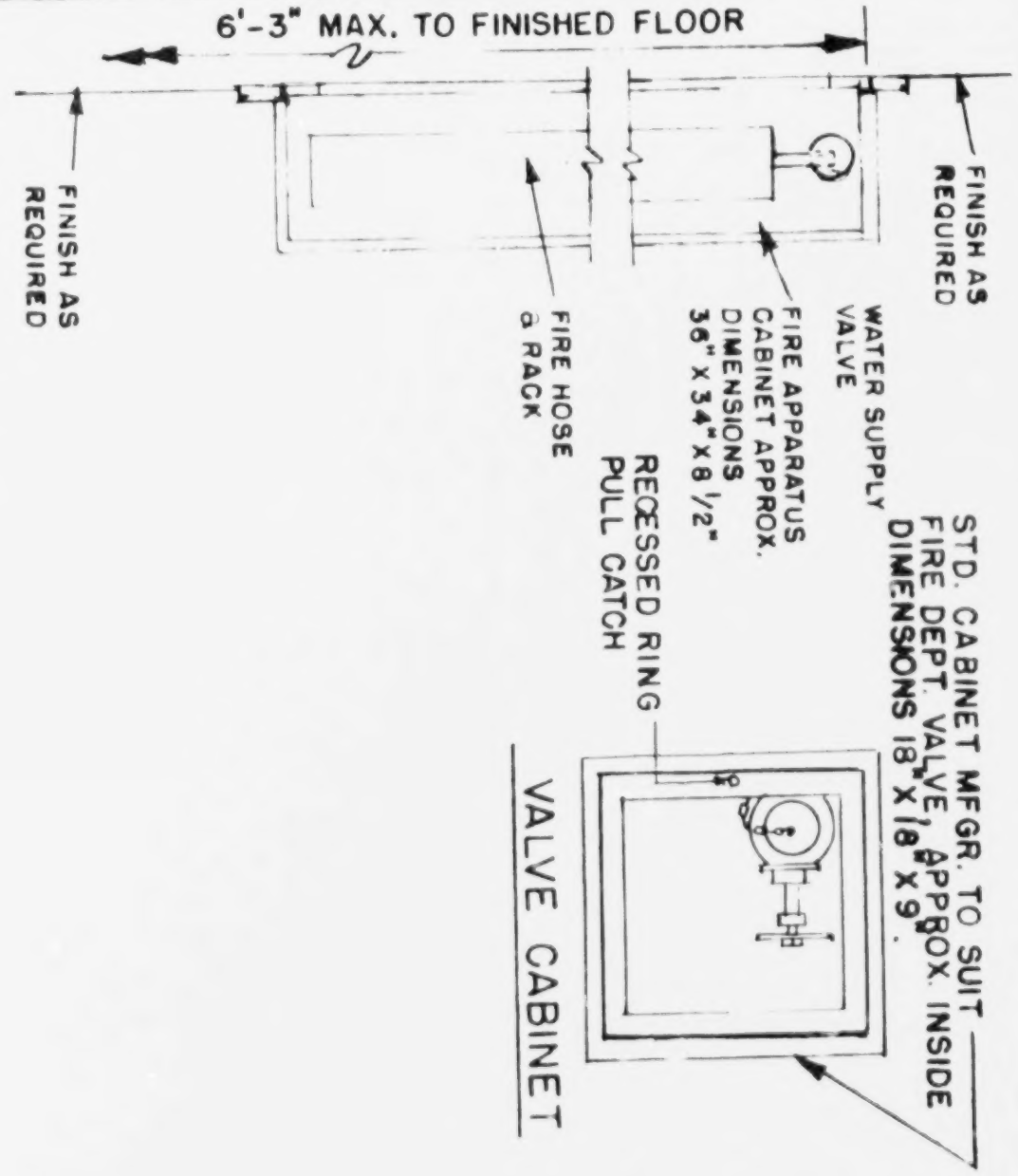
VA ARCHITECTURAL STANDARD DETAIL



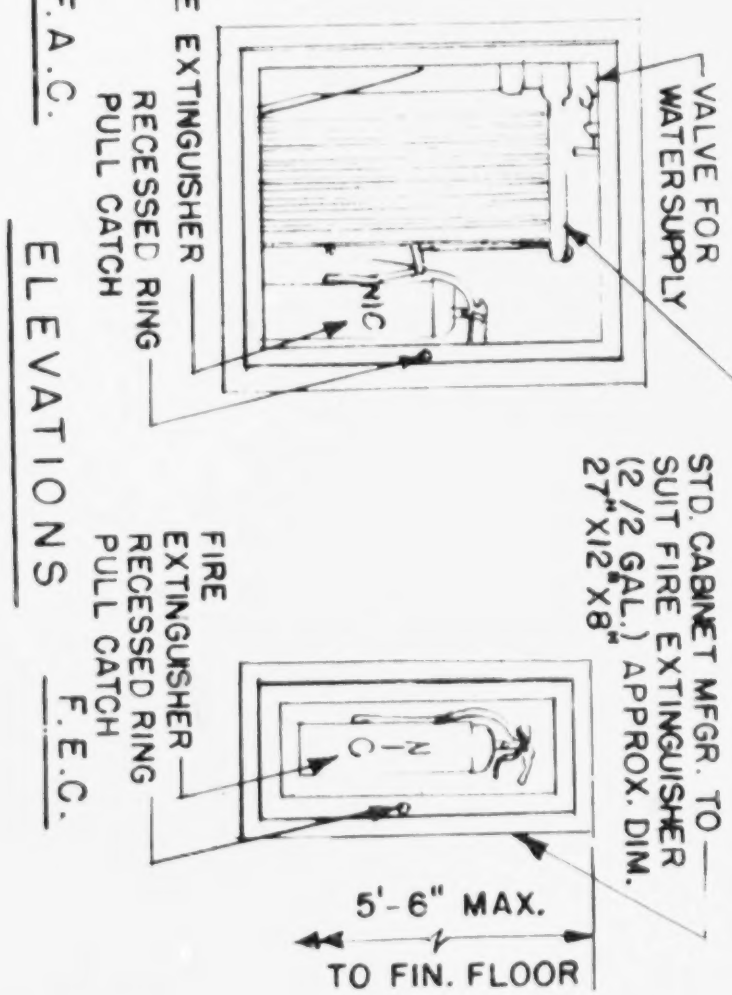
NOTE: PHONES & CABINETS SHALL BE FURNISHED AND INSTALLED BY TELEPHONE COMPANY.

PUBLIC TELEPHONE

APRIL '80 56



SECTION-THRU
FIRE APPARATUS CABINET



ELEVATIONS

Veterans Administration STANDARD DETAIL 56A

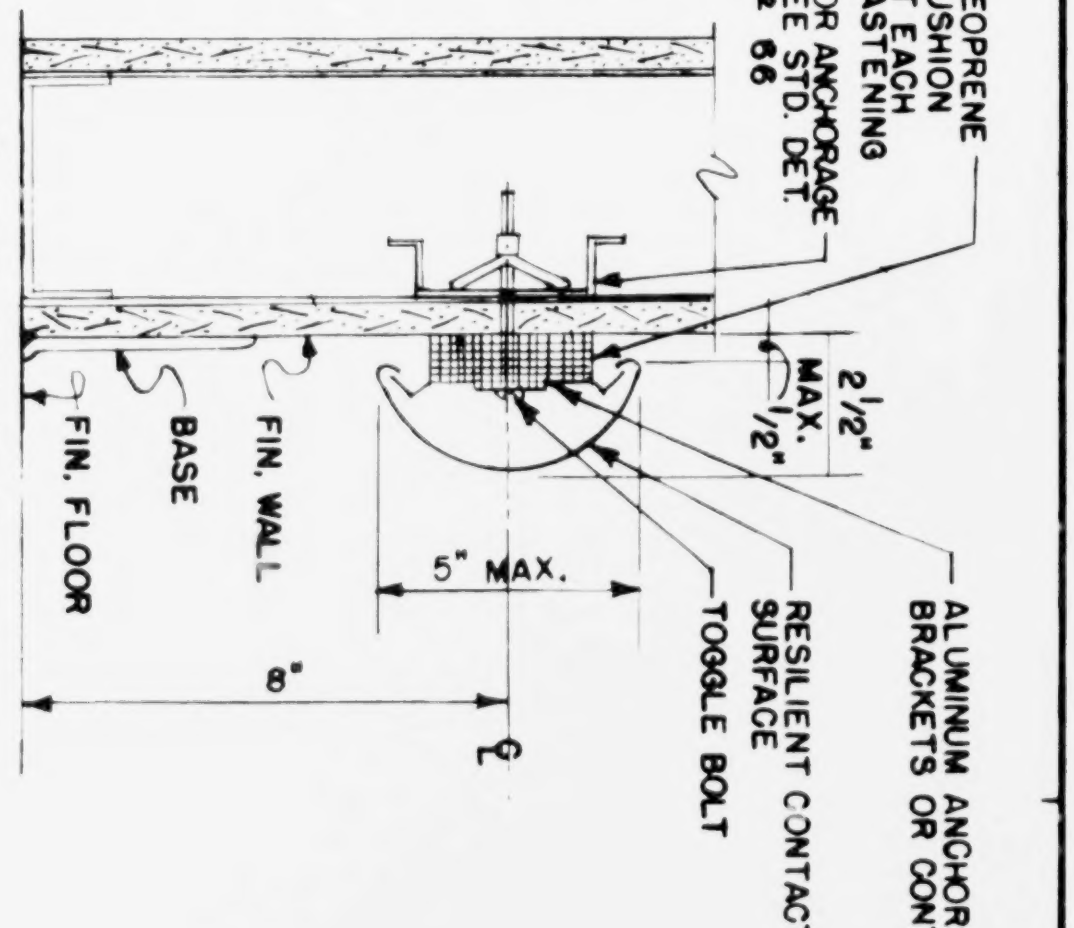
FIRE APPARATUS CAB., VALVE CABINET, & EXTINGUISHER CABINET

TITLE

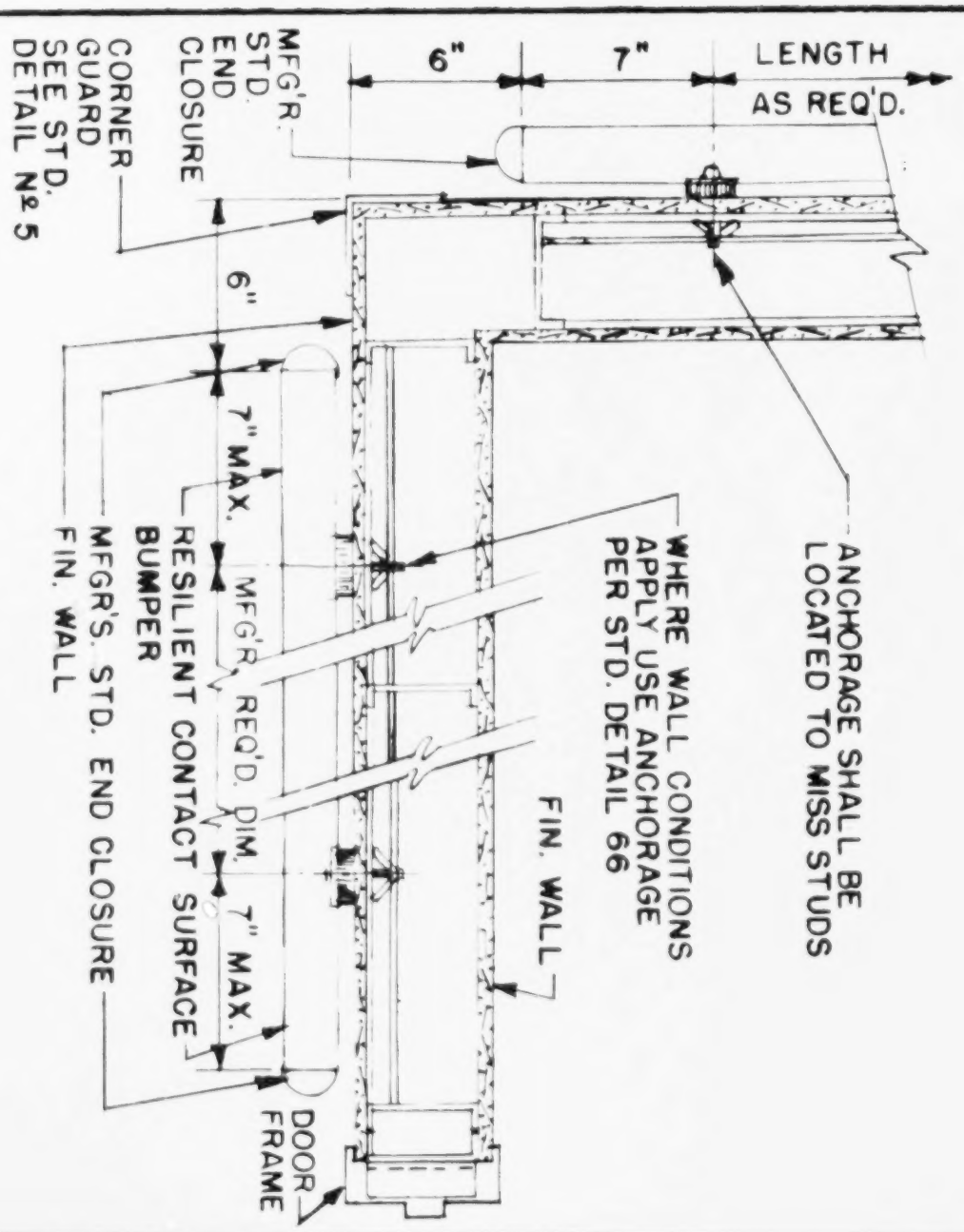
DATE ISSUED SEPT. '79 | REVISION 7/21/80

NOTES

1. TYPE OF CABINET TO BE DETERMINED BY ARCHITECT
2. SEE STD. DET. No. 66 FOR ANCHORAGE
3. WALL THICKNESS REQUIRED TO BE DETERMINED BY DEBTH OF CABINET.
4. MAINTAIN, REQUIRED FIRE RATING OF WALL AROUND CABINET.



SECTION



PLAN

Veterans Administration STANDARD DETAIL 57

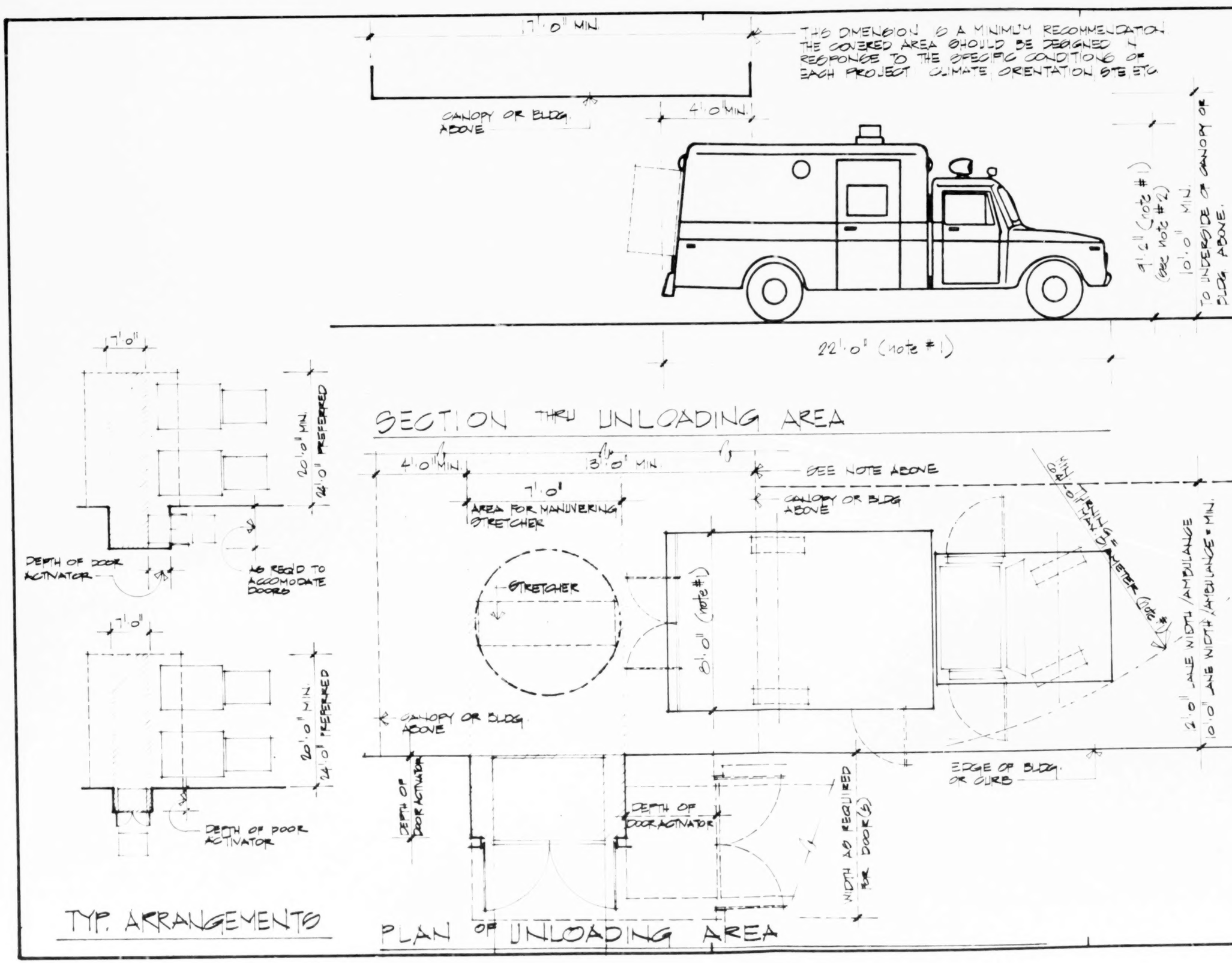
INTERIOR WALL BUMPER GUARDS

TITLE

DATE ISSUED JULY '77

REVISION

NOTES



NOTES

1. MAXIMUM DIMENSION ALLOWED BY FED. SPEC. KKK-A-1822 NATIONAL HIGHWAY TRAFFIC SAFETY ADMIN. (U.S./D.O.T.) 49 CFR 390 - FEDERAL MOTOR VEHICLE SAFETY STANDARDS FEDERAL HIGHWAY ADMIN. (U.S./D.O.T.) 49 CFR 571 - MOTOR CARRIER SAFETY REGULATIONS.
2. INCLUDES ROOF MOUNTED EQUIPMENT; DOES NOT INCLUDE TWO-WAY RADIO ANTENNA.

AMBULANCE ENTRANCE DETAILS FOR HEAD-IN OR DRIVE-THRU UNLOADING

TITLE

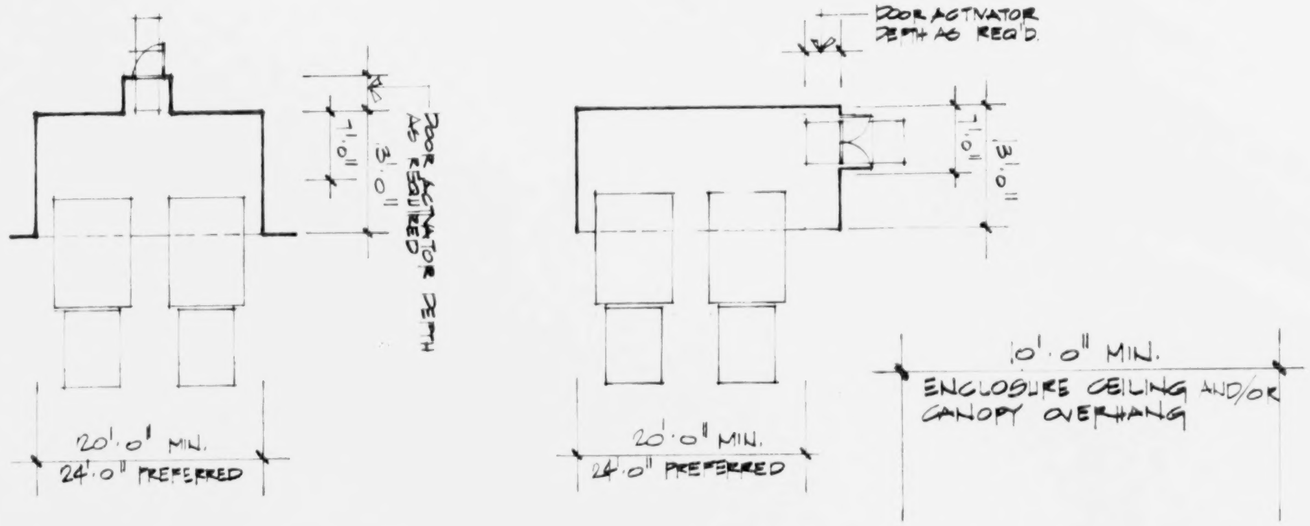
DATE ISSUED Sept. '79

REVISION

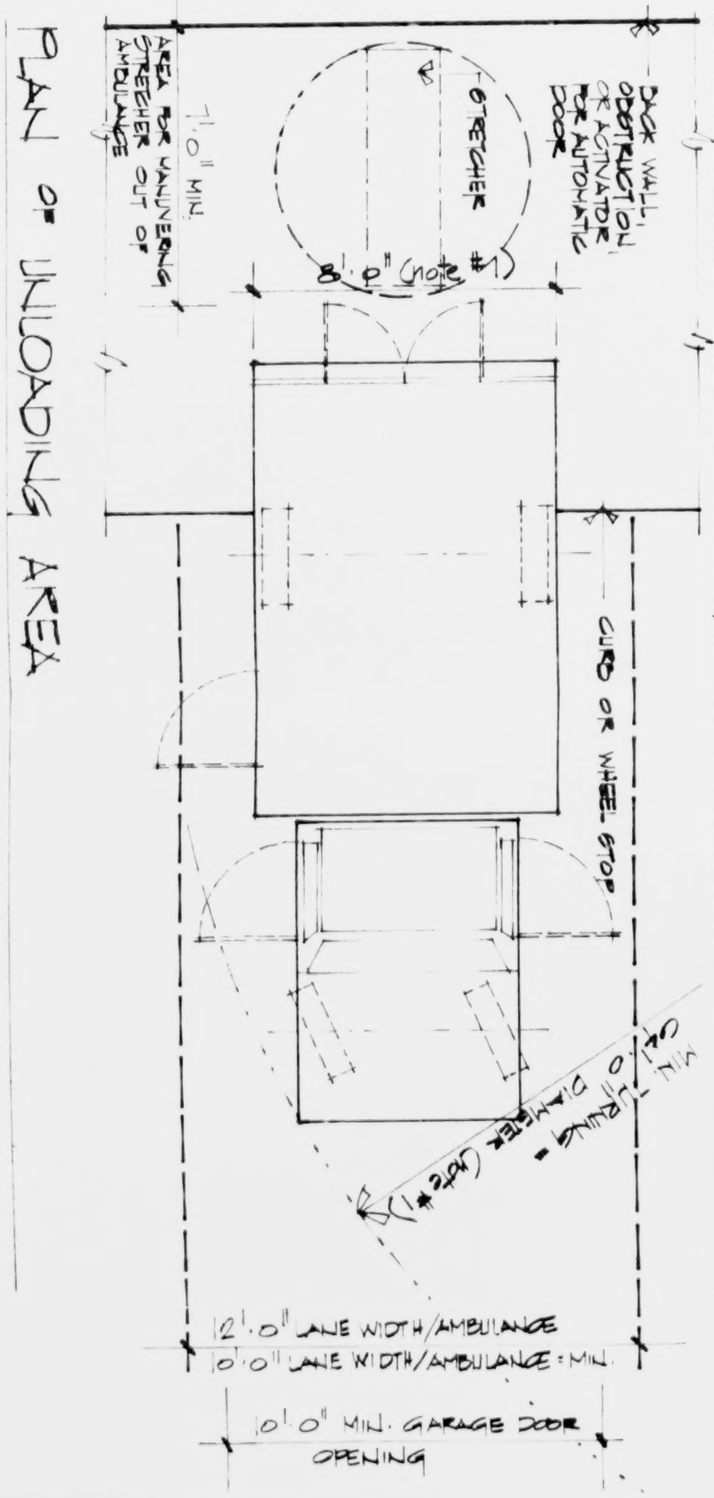
58

Veterans Administration STANDARD DETAIL

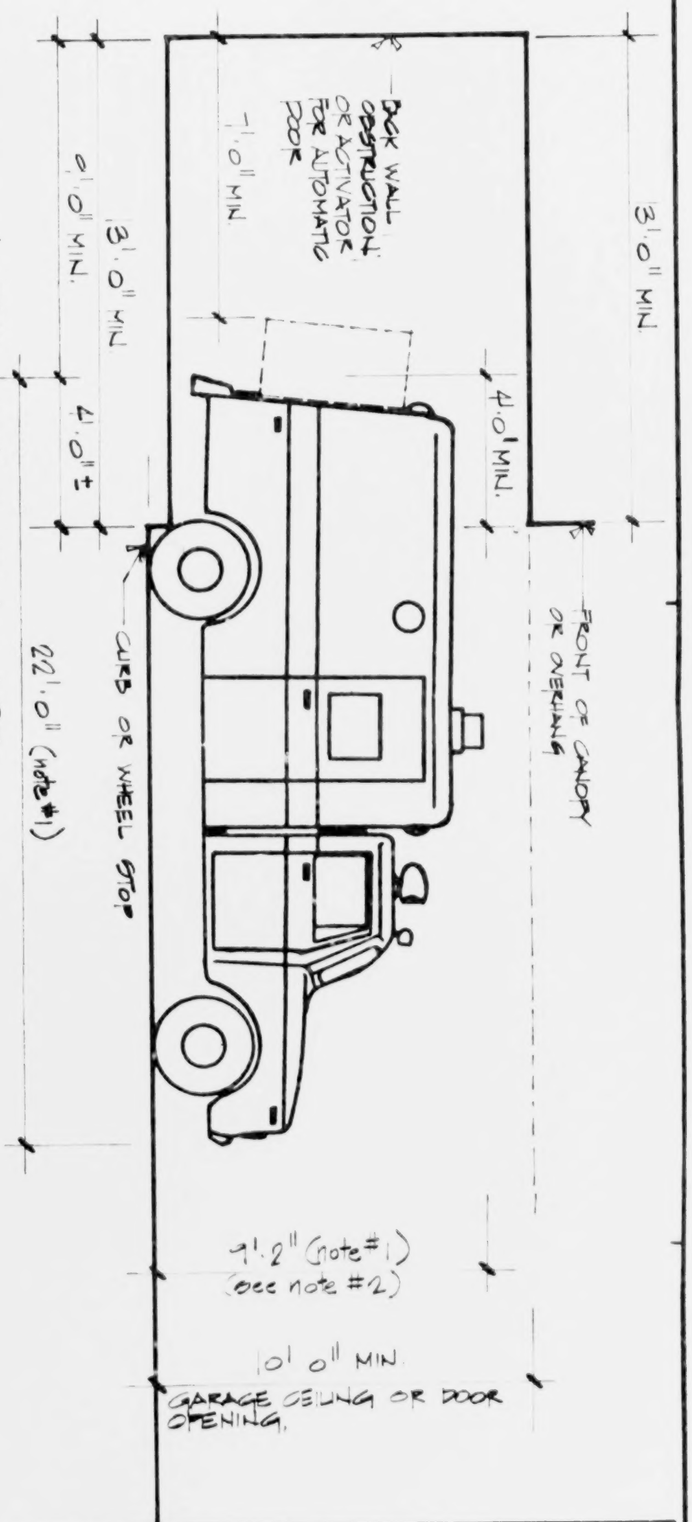
TYP. ARRANGEMENTS



PLAN OF UNLOADING AREA



SECTION THRU UNLOADING AREA



Veterans Administration STANDARD DETAIL 59

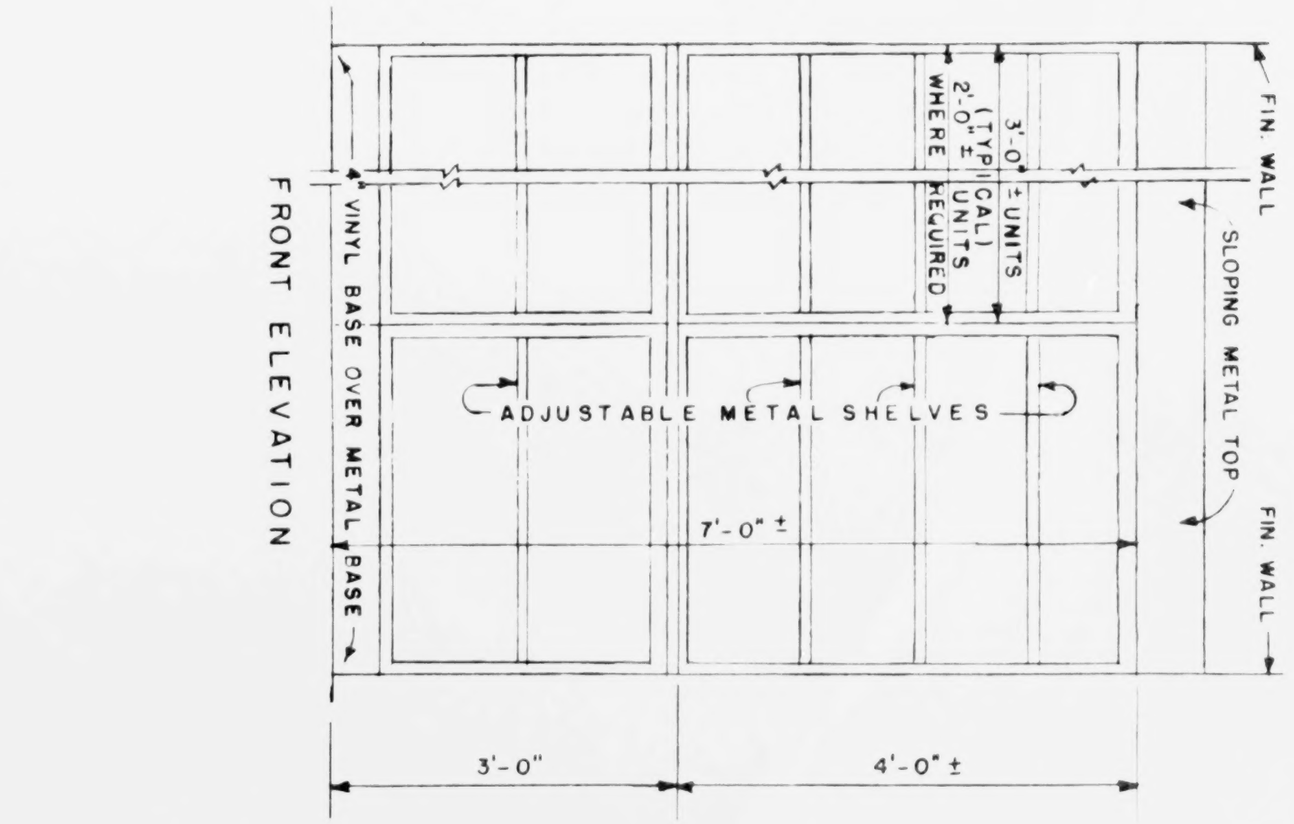
AMBULANCE ENTRANCE DETAILS FOR BACK-IN UNLOADING

TITLE

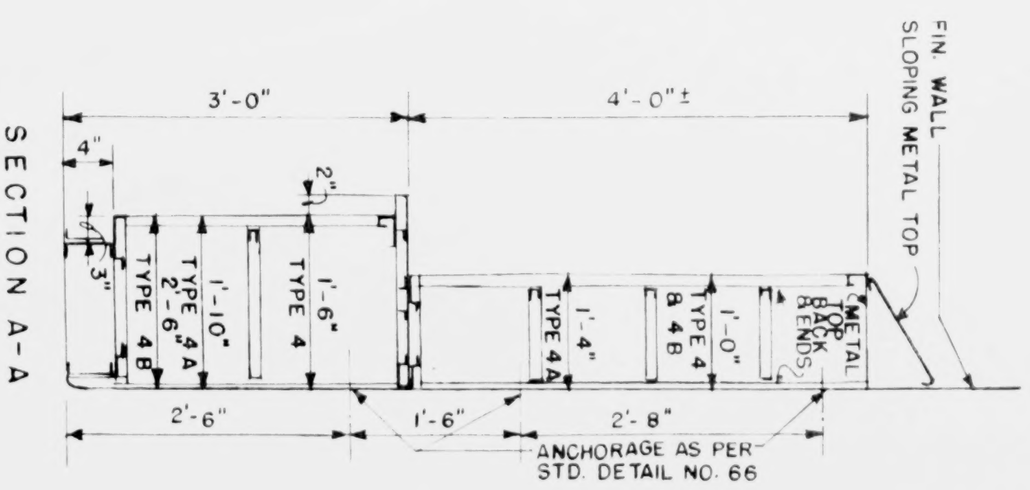
DATE ISSUED Sept. '79 | REVISION

NOTES

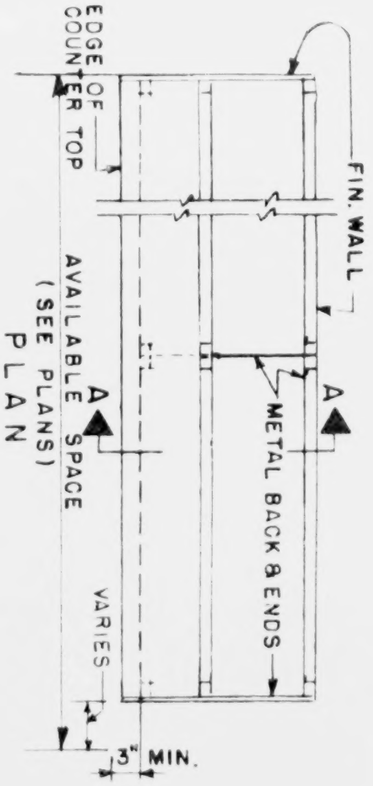
1. MAXIMUM DIMENSION ALLOWED BY FED SPEC. KKK-A-1822 NATIONAL HIGHWAY TRAFFIC SAFETY ADMIN. (U.S/DOT.) 49 CFR 340 - FEDERAL MOTOR VEHICLE SAFETY STANDARDS FEDERAL HIGHWAY ADMIN. (US/DOT.) 49 CFR 571 - MOTOR CARRIER SAFETY REGULATIONS
2. INCLUDES ROOF MOUNTED EQUIPMENT; DOES NOT INCLUDE TWO-WAY RADIO ANTENNA.



FRONT ELEVATION



SECTION A-A



PLAN

Veterans Administration STANDARD DETAIL 60

SHELVING TYPES
4, 4A & 4B

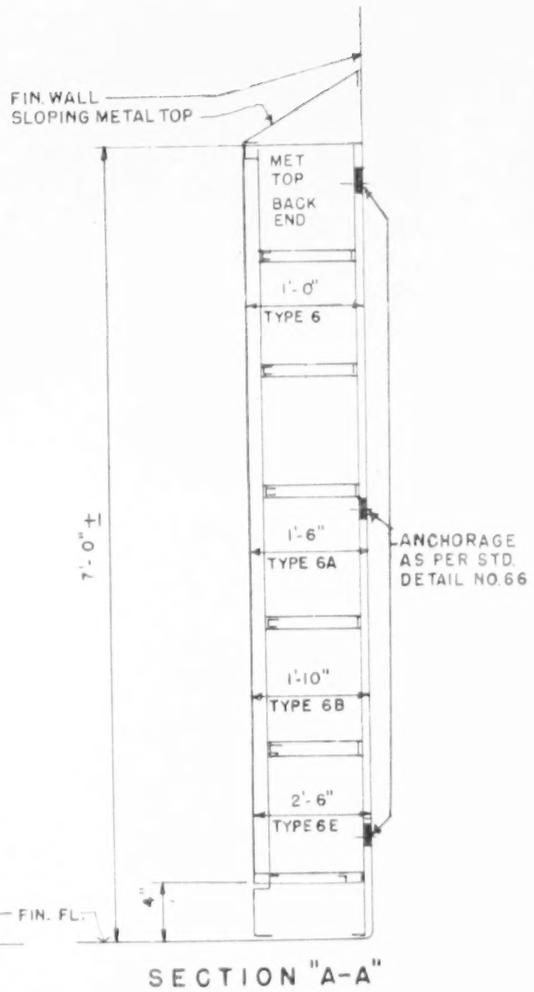
TITLE

DATE ISSUED JUNE '76 | REVISION

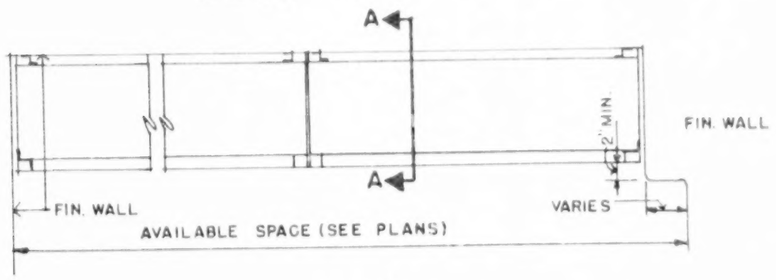
NOTES

CONTRACTOR SHALL PROVIDE SHOP DRAWINGS.

ELEVATION

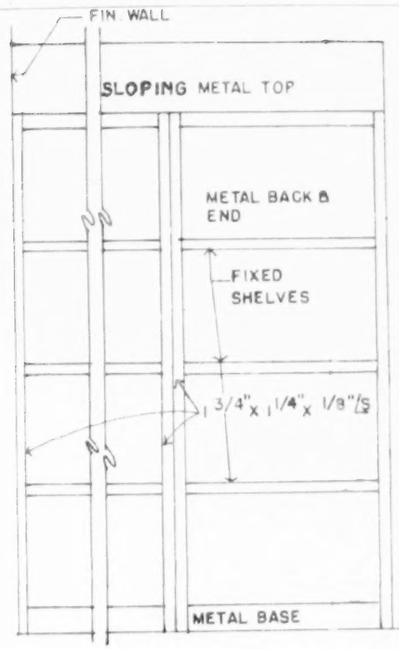


SECTION "A-A"

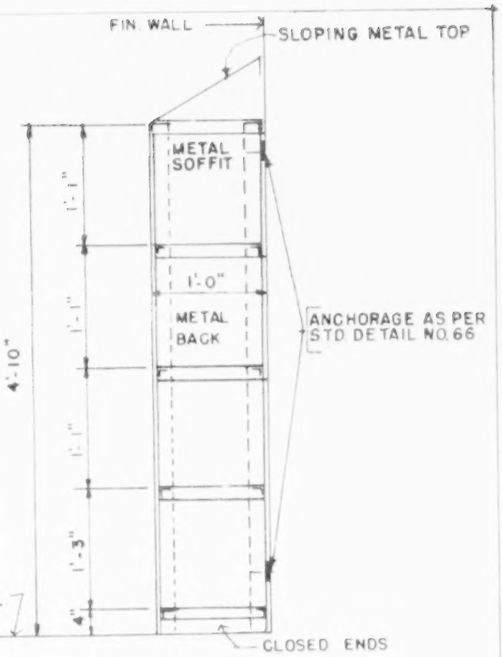


PLAN

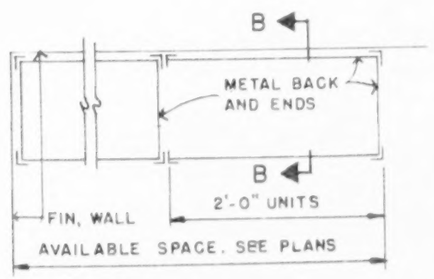
SHELVING TYPE 6, 6A, 6B & 6E



FRONT ELEVATION



SECTION "B-B"



PLAN

SHELVING TYPE 6C

NOTE TO DRAFTSMAN: FOR ANCHORAGE TO WALL, SEE STANDARD DETAIL NO. 66

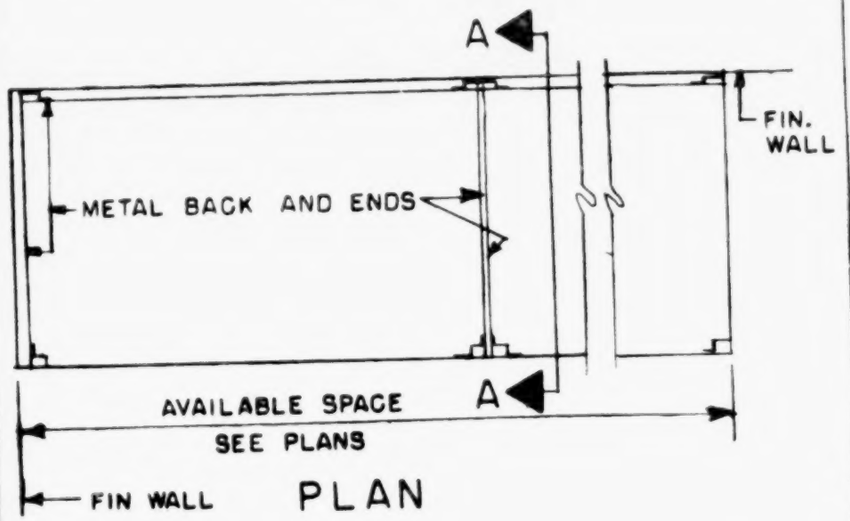
NOTE

1. WHERE TYPE 6, 6A, 6B & 6E UNITS OCCUR IN ROOMS DIRECTLY CONNECTED TO OPERATING ROOMS AND SCRUB UP AREA, THEY SHALL BE S/S WITH S/S SLOPING TOP AND VINYL BASE OVER S/S CHANNEL BASE.
2. TYPE 6C SHELVING IS FOR ETHER CAN STORAGE IN HYDRO CARBON GAS STORAGE ROOMS AND SHALL BE GROUNDED AS FOLLOWS. #10 WIRE BOLTED TO ONE OF REAR ANGLE POSTS AND ATTACHED TO NEAREST COLD WATER PIPE WITH APPROVED GROUND CLAMP. ALL METAL SHALL BE GALV. UNPAINTED.
3. WHERE TWO OR MORE UNITS ARE COMBINED THEY SHALL BE BOLTED TOGETHER AS SPECIFIED.
4. PROVIDE SINGLE METAL END BETWEEN UNITS AND METAL FILLER STRIP BETWEEN SHELF ENDS.
5. CONTRACTOR SHALL PROVIDE SHOP DRAWINGS.

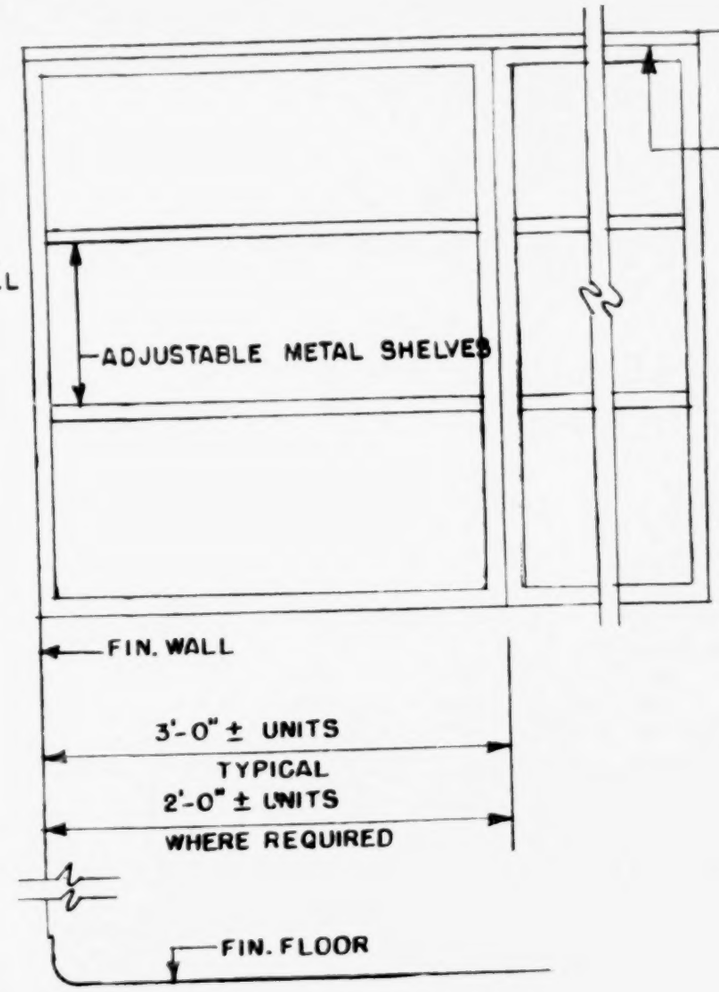
SHELVING, TYPES 6, 6A, 6B, 6C & 6E

60 B

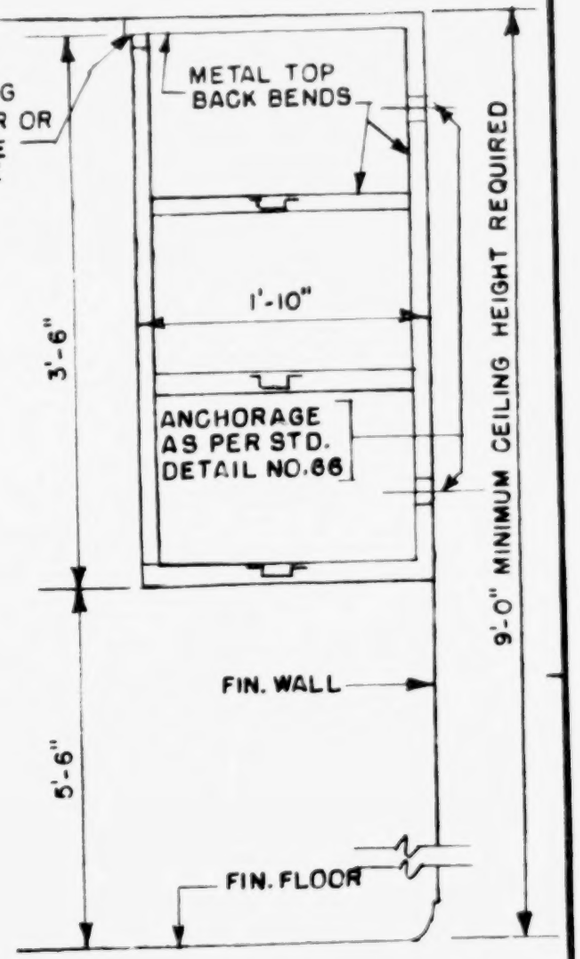
JUNE '76



PLAN



ELEVATION



SECTION "A-A"

60A

Veterans Administration STANDARD DETAIL

SHELVING TYPE 5C

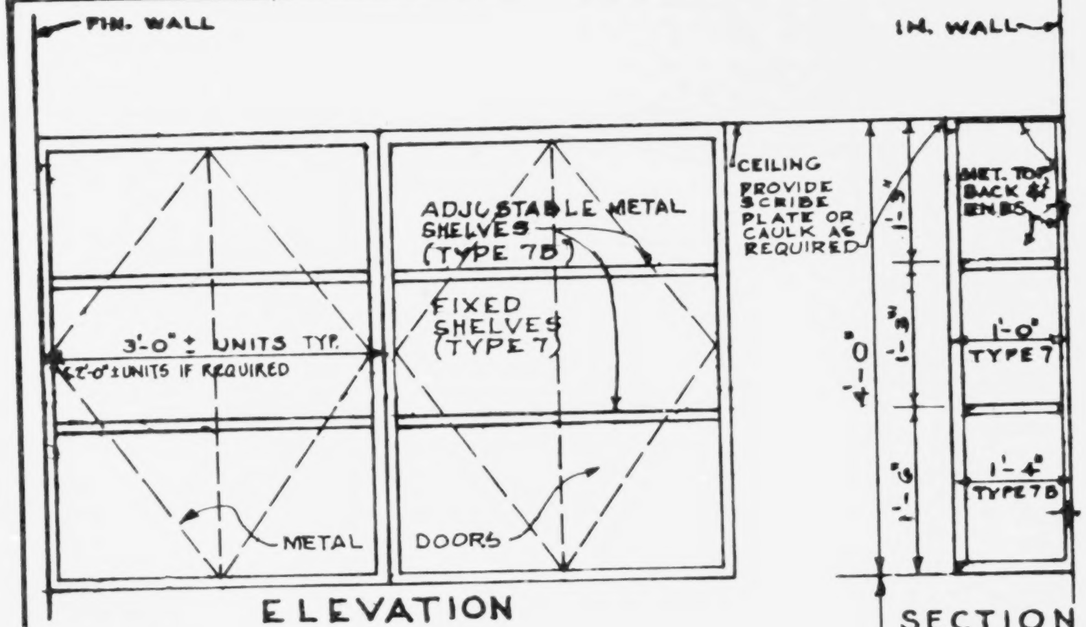
TITLE

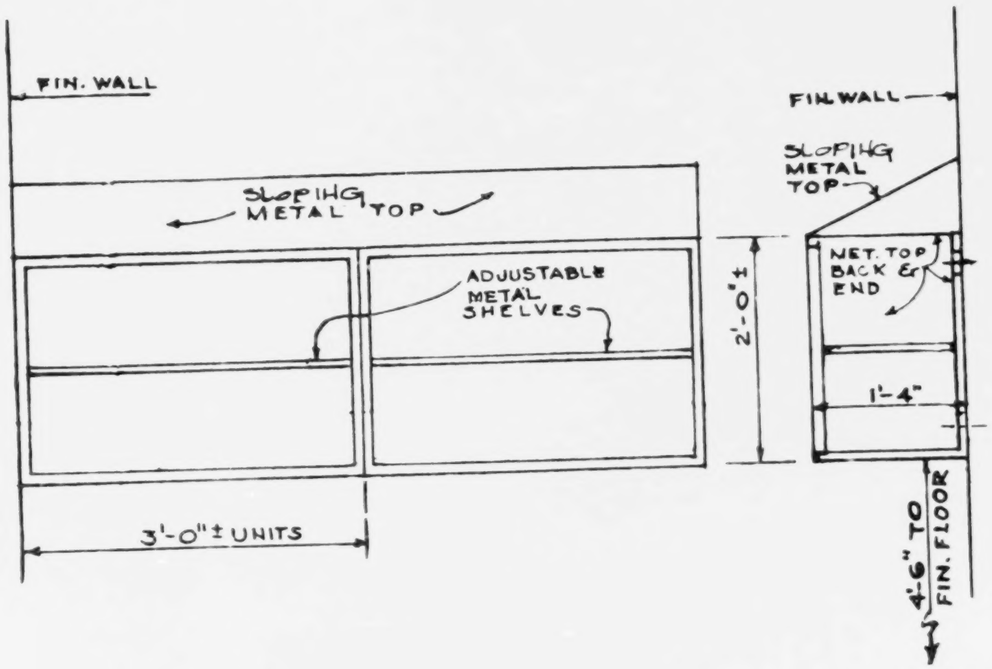
DATE ISSUED DEC. '74

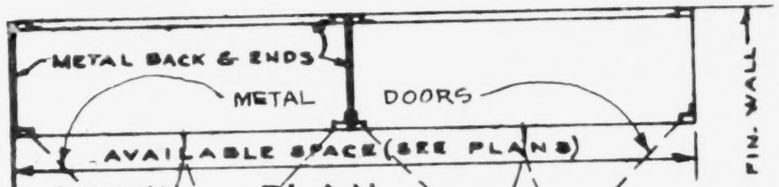
REVISION

NOTES

CONTRACTOR SHALL PROVIDE SHOP DRAWINGS.





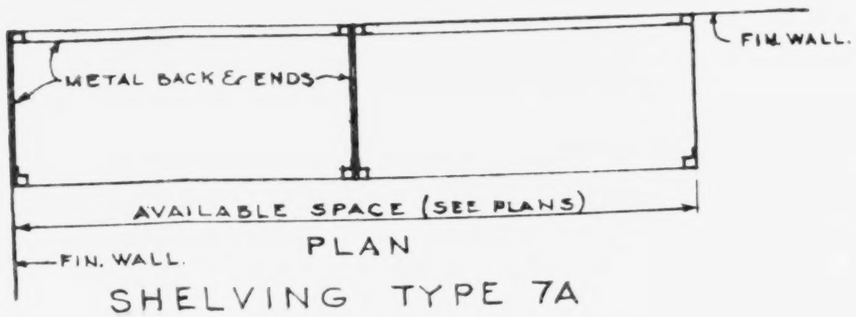


SHELVING TYPES 7 & 7B

DOORS WHEN REQUIRED IN EQUIPMENT GUIDE LIST HANDBOOK - H-08-5

NOTE TO DRAFTSMAN: FOR ANCHORAGE TO WALL, SEE STANDARD DETAIL NO. 66

SEE STANDARD DETAIL NO. 18 FOR SECURED STORAGE.



SHELVING TYPE 7A

NOTES

CONTRACTOR SHALL PROVIDE SHOP DRAWINGS.

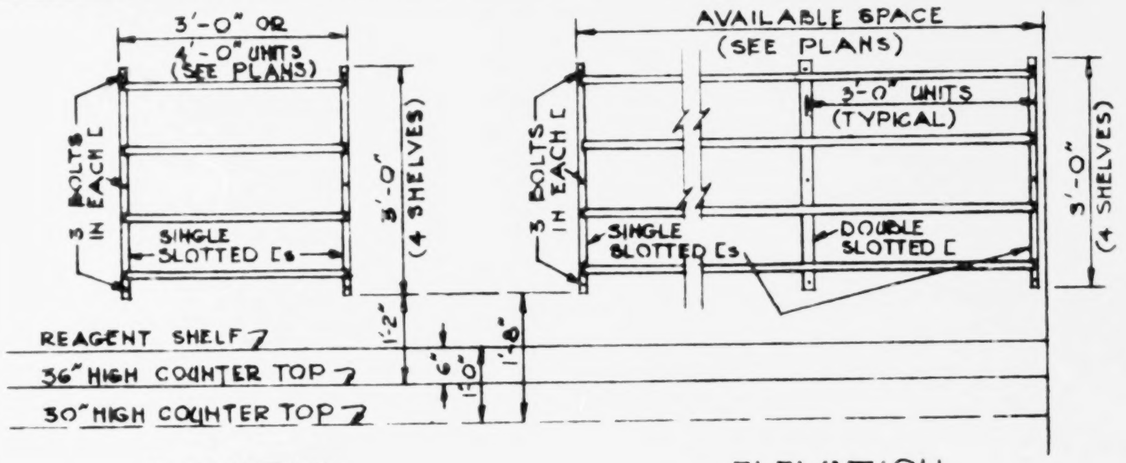
TITLE: SHELVING TYPES 7, 7A & 7B

DATE ISSUED: APRIL 80

REVISION

60

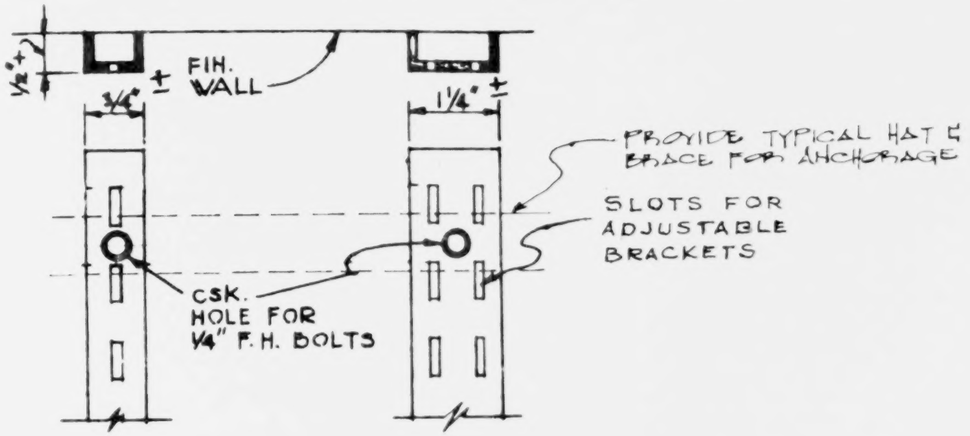
Veterans Administration STANDARD DETAIL



ELEVATION
SINGLE UNIT

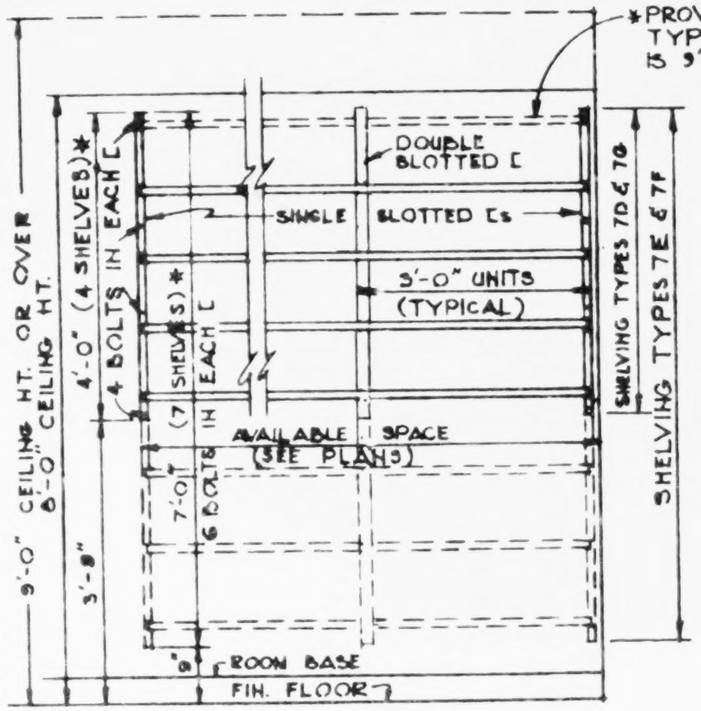
ELEVATION
MULTIPLE UNITS

SHELVING TYPE 7C (ABOVE COUNTERS OR WORK TOPS)

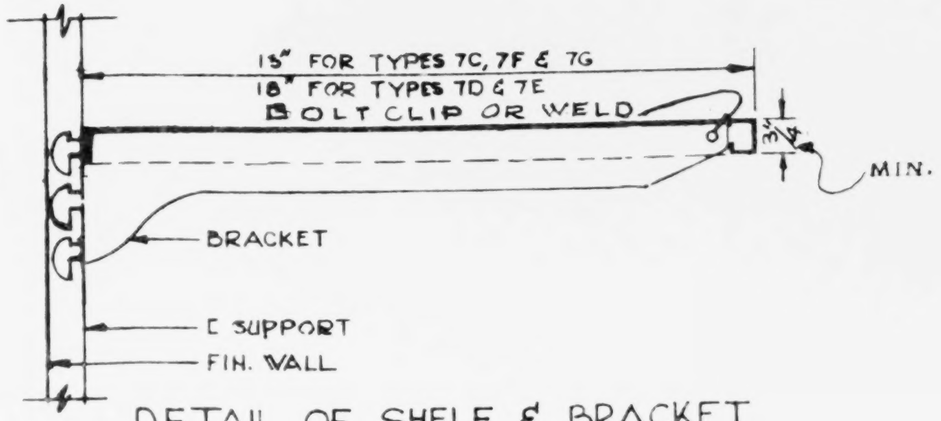


SINGLE SLOTTED E SHELF SUPPORTS

DOUBLE



TYPICAL ELEVATION
STORAGE ROOM SHELVING
TYPES 7D, 7E, 7F & 7G



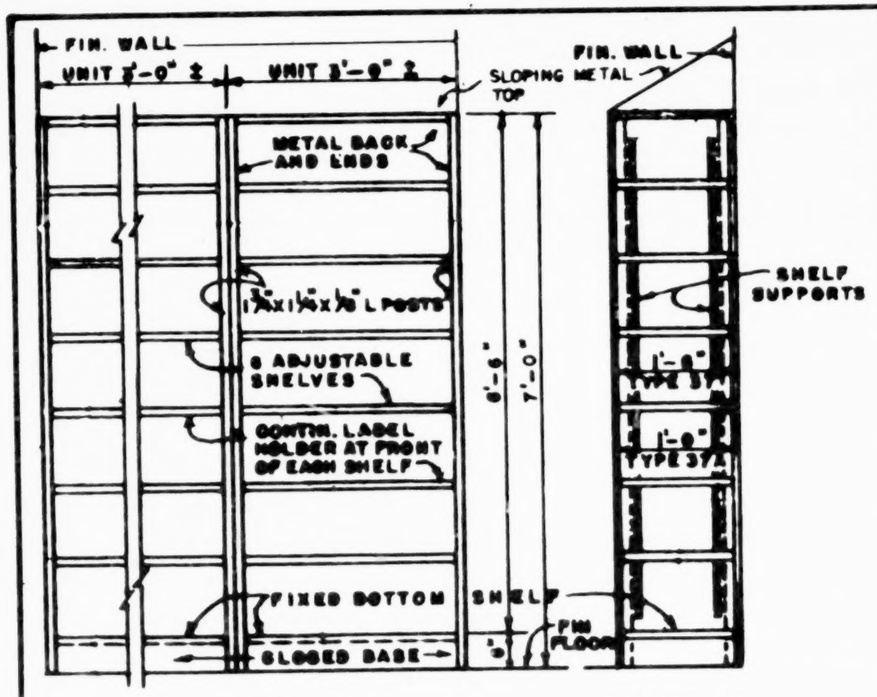
DETAIL OF SHELF & BRACKET
SCALE: 3"=1'-0"

SHELVING TYPES 7C, 7D, 7E, 7F & 7G

60 D

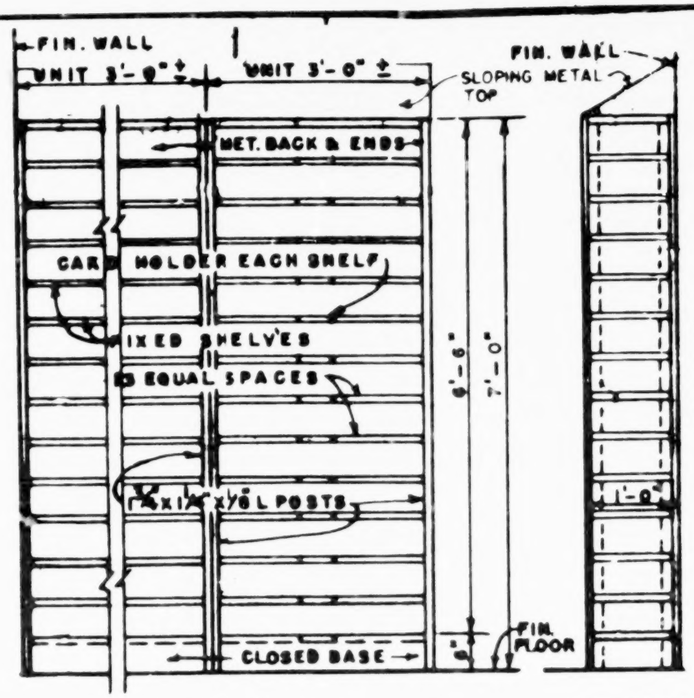
DEC '74

NOTE:
PROVIDE 2 SHELF BRACKETS AT DOUBLE SLOTTED Es. BRACKETS & E SUPPORTS SHALL BE HEAVY DUTY TYPE.
SECURE E SUPPORTS TO WALL WITH ¼" TOGGLE OR EXP. BOLTS APPROX. 16" O.C.
NOTE TO DRAFTSMAN: FOR ANCHORAGE SEE STD. DETAIL Nº GG
USE SHELVING TYPE 7D OR 7G WHERE STORAGE SPACE IS REQUIRED BELOW SHELVING



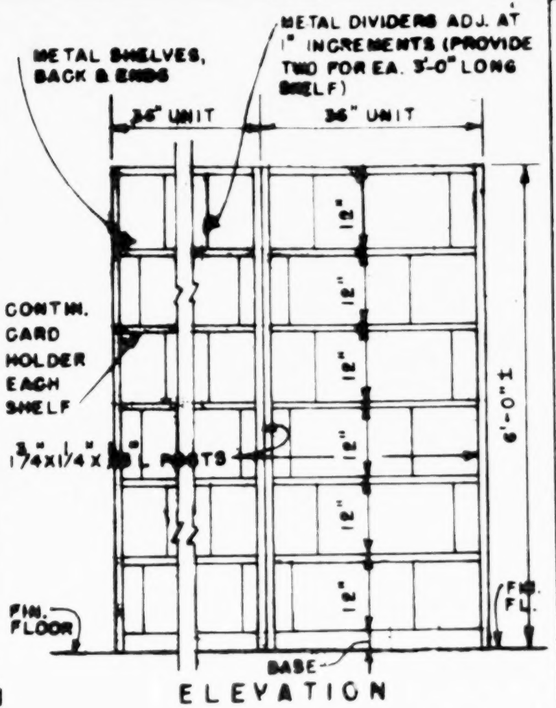
ELEVATION SECTION

GENERAL SHELVING TYPES 37 & 37A



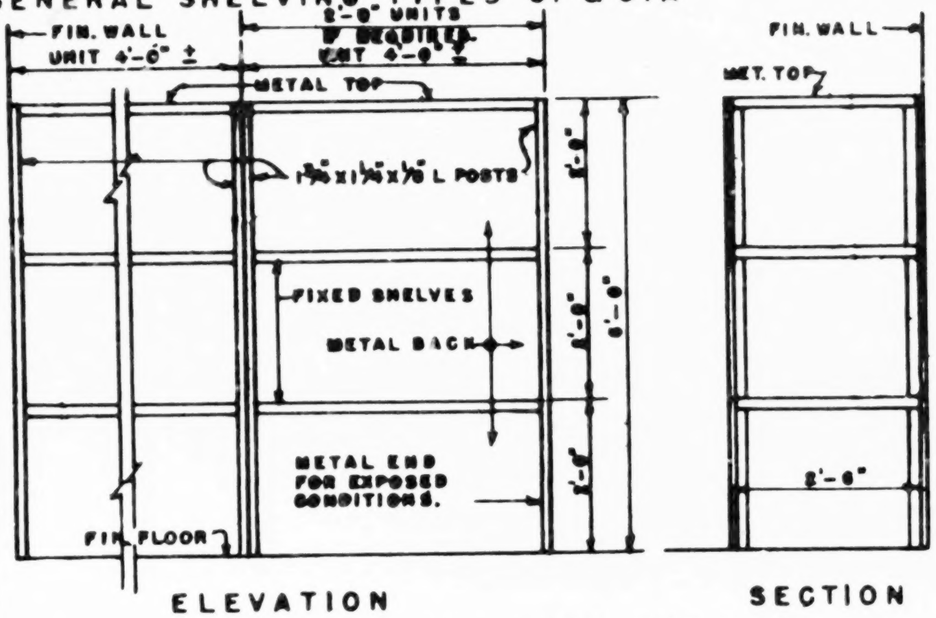
ELEVATION SECTION

BLANK FORM SHELVING
TYPE 38



ELEVATION

SHELVING TYPE 37B
(MEDICAL STORAGE)
SHELVES APPROX. 12½" DEEP



ELEVATION SECTION

BAGGAGE SHELVING TYPE 35

NOTE: 2'-0" UNITS OF TYPE 35 MAY BE USED WHERE REQUIRED.

NOTE:
METAL BACKS AND ENDS OF SHELVING TYPES 35, 37, 37A, 37B AND 38 SHALL EXTEND TO FLOOR.
CONTRACTOR SHALL PROVIDE LARGE SCALE SHOP DRAWINGS.
WHERE SHELVING UNITS ARE ADJACENT TO EACH OTHER OR BACK TO BACK, THEY SHALL BE BOLTED TOGETHER.

NOTE TO DRAFTSMAN: FOR ANCHORAGE TO WALL AND FLOOR SEE STANDARD DETAIL NO. 66.

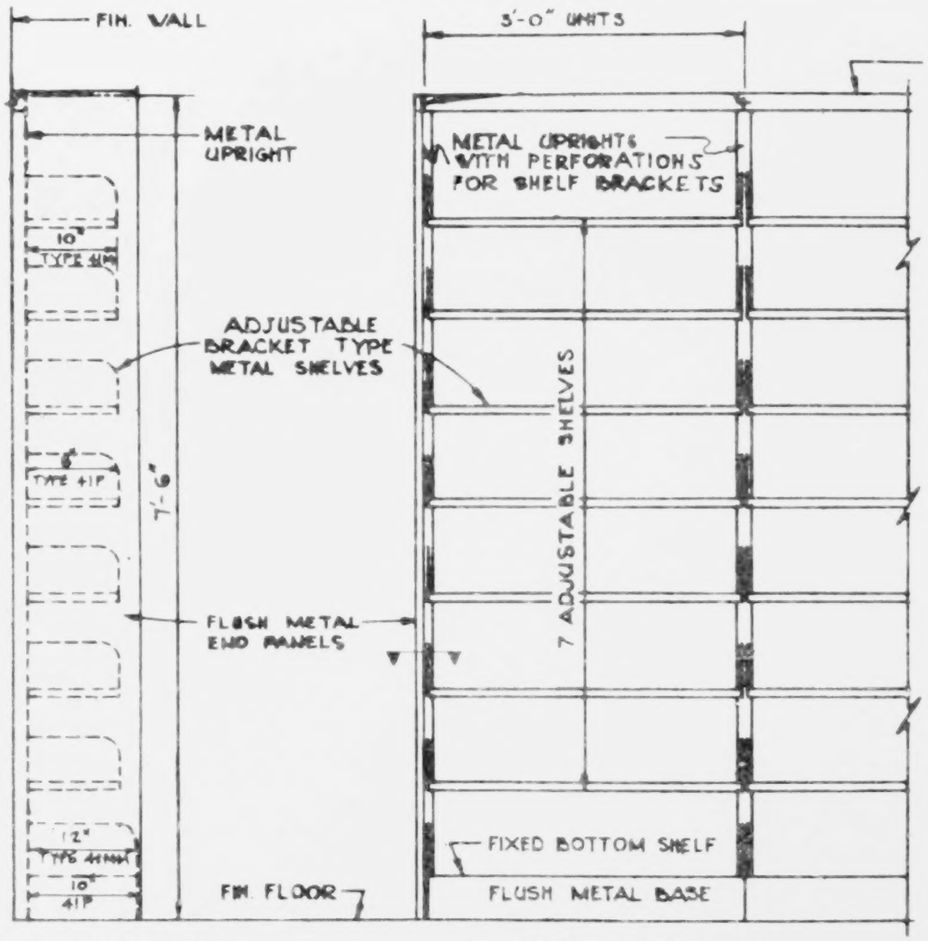
NOTES

SHELVING TYPES
35, 37, 37A, 37B & 38

TITLE

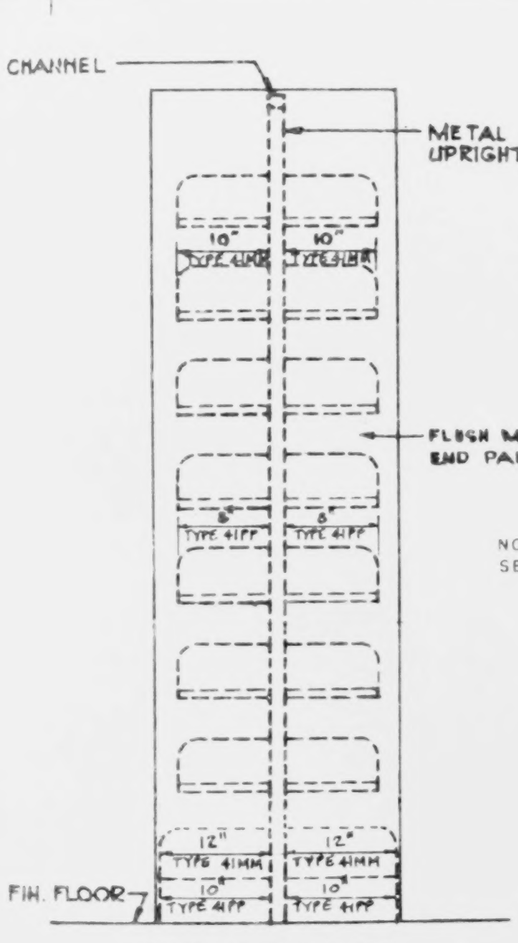
DATE ISSUED APRIL 80 | REVISION

60E
Veterans Administration
STANDARD DETAIL



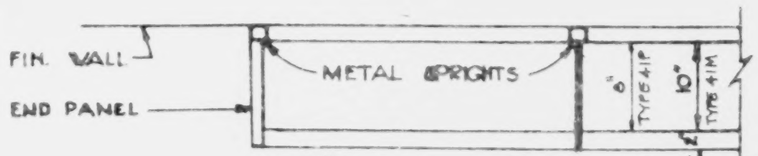
END ELEV. TYPE 41M & 41P

ELEVATION TYPES 41M, 41MM, 41P & 41PP

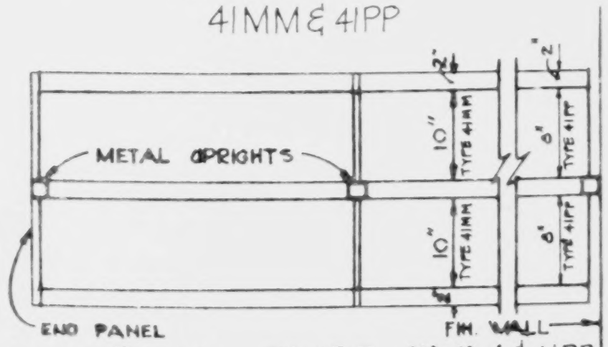


END ELEV. TYPE 41MM & 41PP

NOTE TO DRAFTSMAN: FOR ANCHORAGE TO WALL, SEE STANDARD DETAIL NO. 66



PLAN - TYPE 41M & 41P



PLAN - TYPE 41MM & 41PP

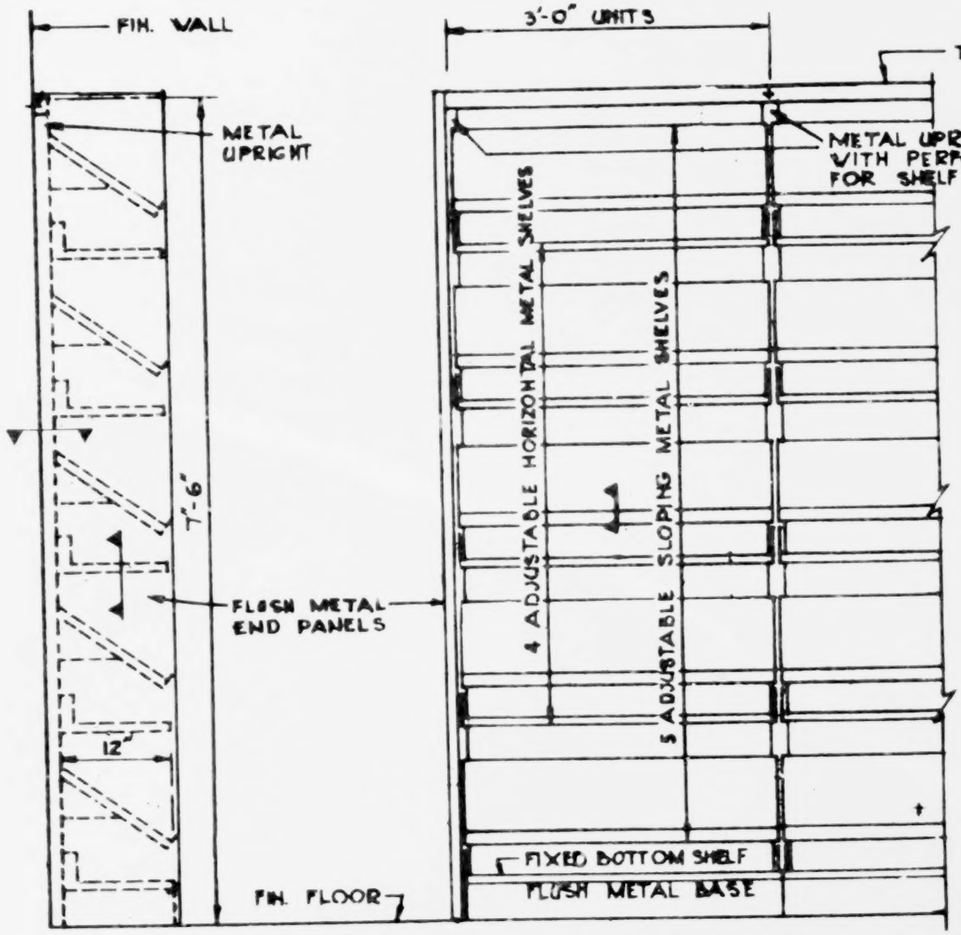
NOTE ON FREE STANDING UNITS BOLT TO FLOOR WITH 1/4" BOLTS. FOUR BOLTS PER UNIT.

NOTE:
PROVIDE LABEL HOLDERS AT FRONT EDGE OF SHELVES.
ALL SHELVING UNITS SHALL BE SECURED TOGETHER.
END PANEL NOT REQUIRED WHERE END UNIT ABUTS WALL.
CONTRACTOR SHALL PROVIDE SHOP DRAWINGS.

SHELVING, LIBRARY, TYPES 41M, 41MM, 41P & 41PP

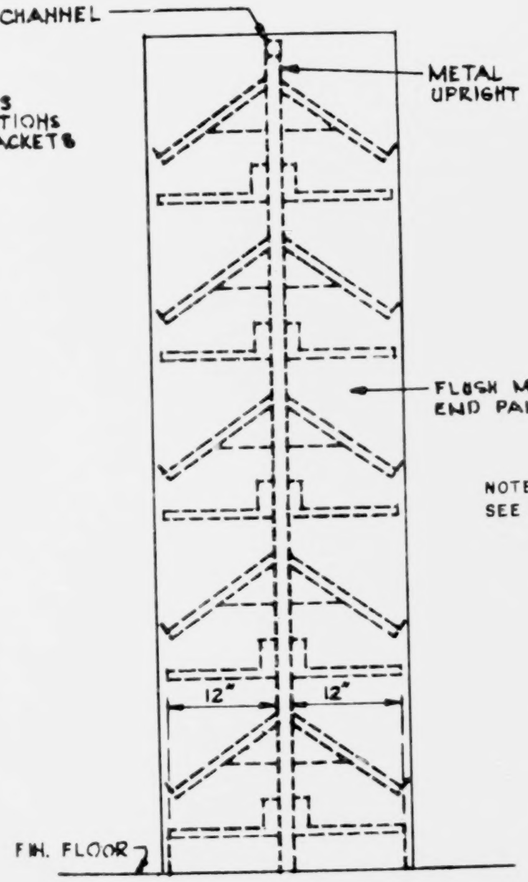
60 F

DEC. '74



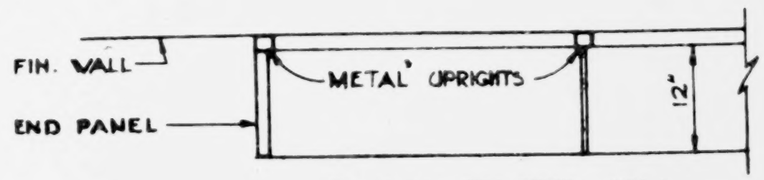
END ELEV.
TYPE 43M

ELEVATION
TYPES 43M & 43MM

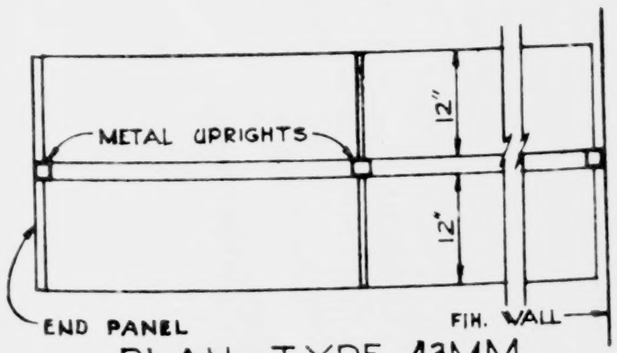


END ELEV.
TYPE 43MM

NOTE TO DRAFTSMAN: FOR ANCHORAGE TO WALL, SEE STANDARD DETAIL NO. 66



PLAN - TYPE 43M



PLAN - TYPE 43MM

NOTE: ON FREESTANDING UNITS, BOLT TO FLOOR WITH 1/4" BOLTS. FOUR BOLTS PER UNIT.

NOTE:
PROVIDE LABEL HOLDERS AT FRONT EDGE OF SHELVES.
ALL SHELVING UNITS SHALL BE SECURED TOGETHER.
END PANEL NOT REQUIRED WHERE END UNIT ABUTS WALL.
CONTRACTOR SHALL PROVIDE SHOP DRAWINGS.

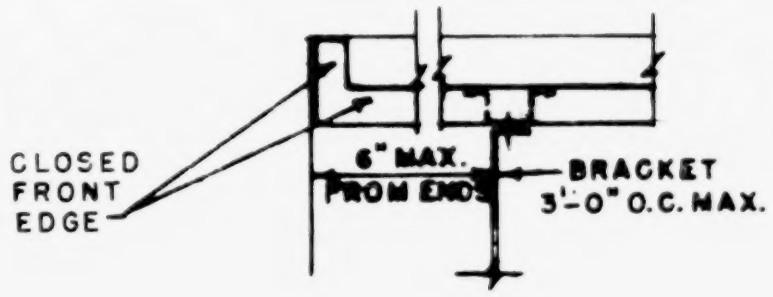
SHELVING, LIBRARY, TYPES 43M & 43MM

(PERIODICAL SHELVING)

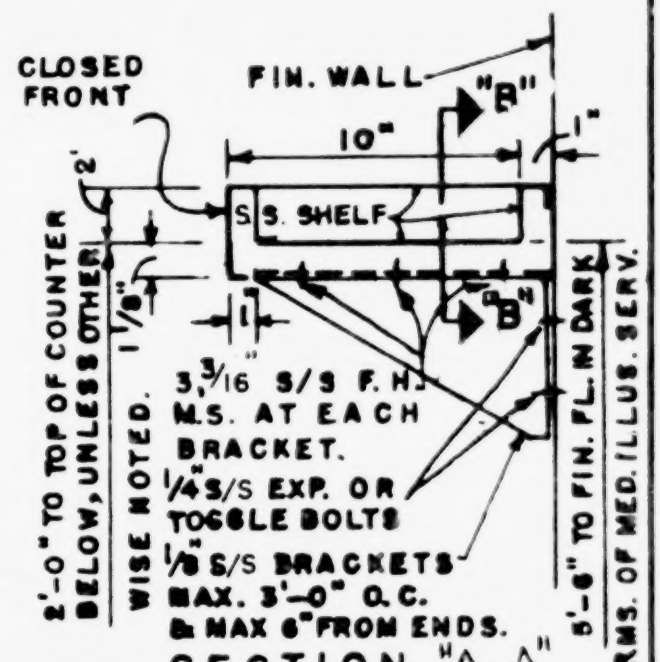
DEC. '74

60 G

VA ARCHITECTURAL STANDARD DETAIL



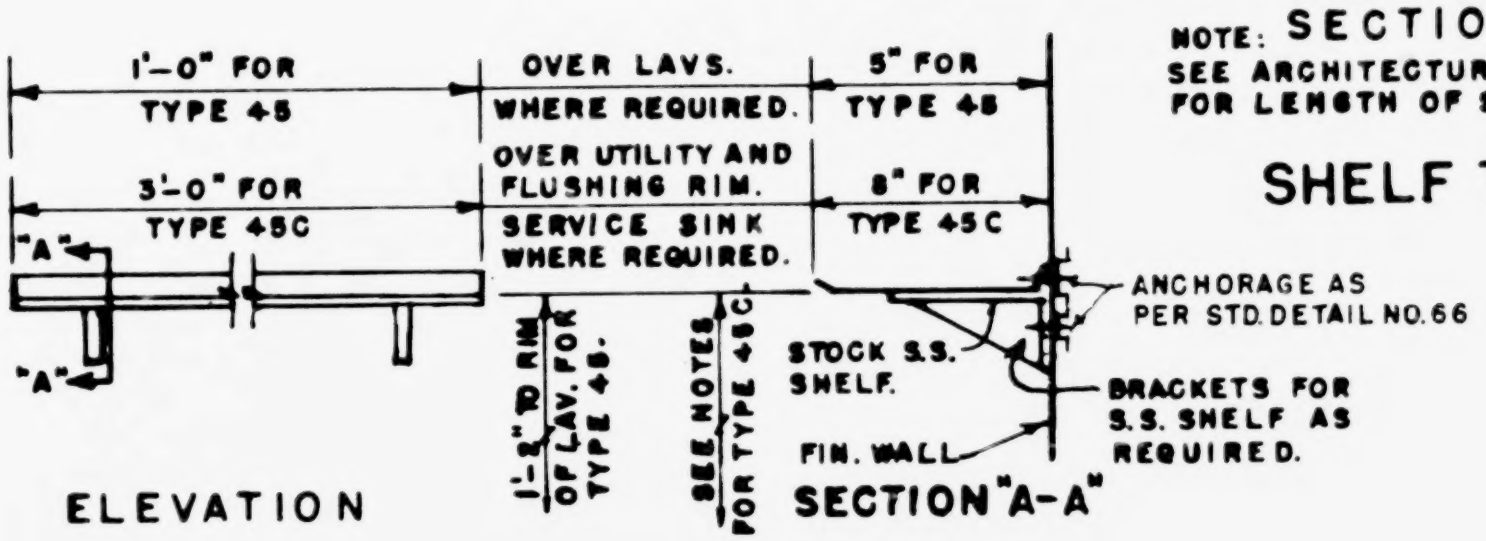
PART ELEVATION
OF SHELF TYPE 44



SECTION "A-A"

NOTE:
SEE ARCHITECTURAL PLANS
FOR LENGTH OF SHELF.

SHELF TYPE 44



ELEVATION

SECTION "A-A"

SHELVES TYPES 45 AND 45C

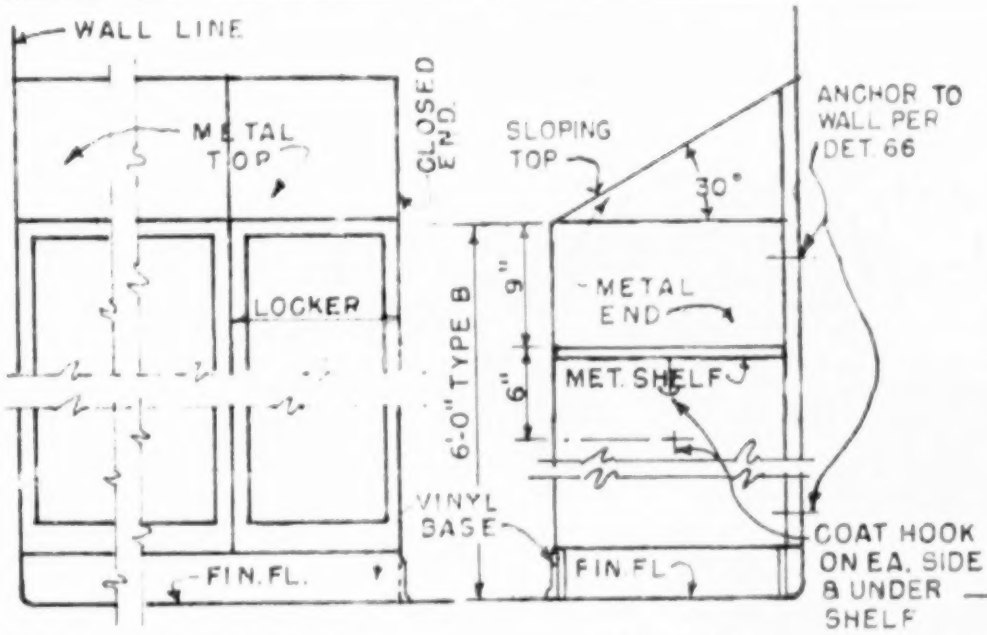
NOTE:
SEE ARCHITECTURAL PLANS FOR LOCATION OF STAINLESS STEEL SHELVES TYPES 44, 45 AND 45C.
TOP OF SHELF TYPE 45C SHALL BE LOCATED 1'-5" ABOVE RIM OF UTILITY SINK.
WHERE SHELF TYPE 45C OCCURS ABOVE FLUSHING RIM SERVICE SINK IT SHALL CLEAR FITTING SUPPORT A MINIMUM OF 2".
SEE ARCHITECTURAL PLANS FOR EXTENT OF SHELVING AND ACTUAL SPACING OF BRACKETS.

SHELVING, TYPES 44, 45, AND 45C

DEC'. 74

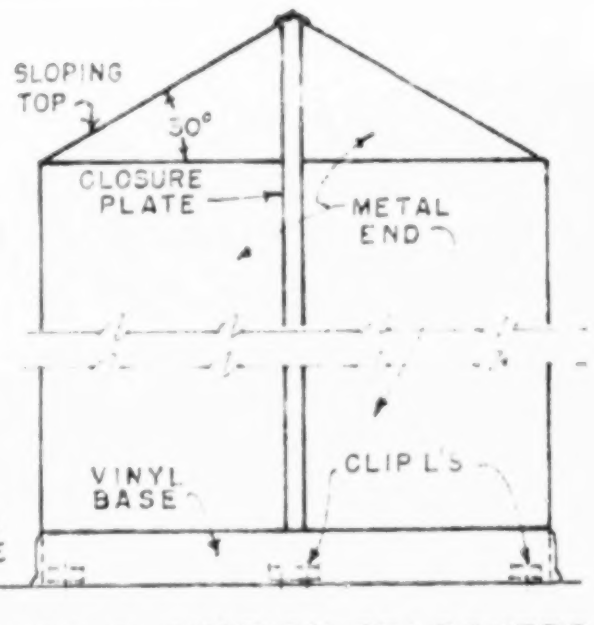
60 H

VA ARCHITECTURAL STANDARD DETAIL

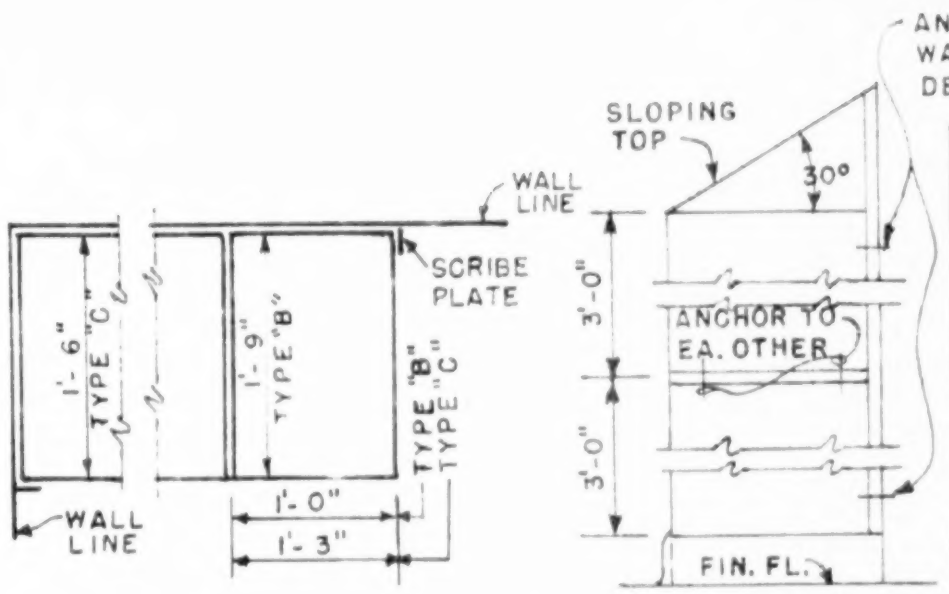


FRONT ELEVATION

SECTION

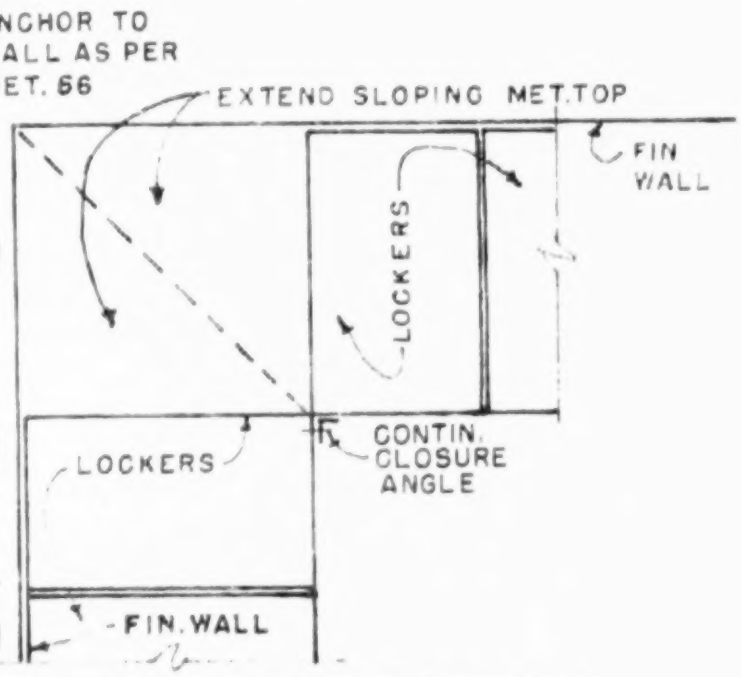


END ELEVATION OF LOCKERS BACK TO BACK



PLAN OF WALL LOCKERS (TWO TIER TYPE C (LOCKERS))

END ELEVATION



TYPICAL CORNER RETURN

LOCKER TYPE	SIZE
B	1'-0" X 1'-9" X 6'-0"
C	1'-3" X 1'-6" X 3'-0"

NOTES:

1. ATTACH VINYL BASE OVER METAL FILLER PLATES.
2. CONTRACTOR SHALL PROVIDE SHOP DRAWING DETAILS.
3. EACH LOCKER SHALL BE EQUIPPED WITH A SHELF AND THREE COAT HOOKS.

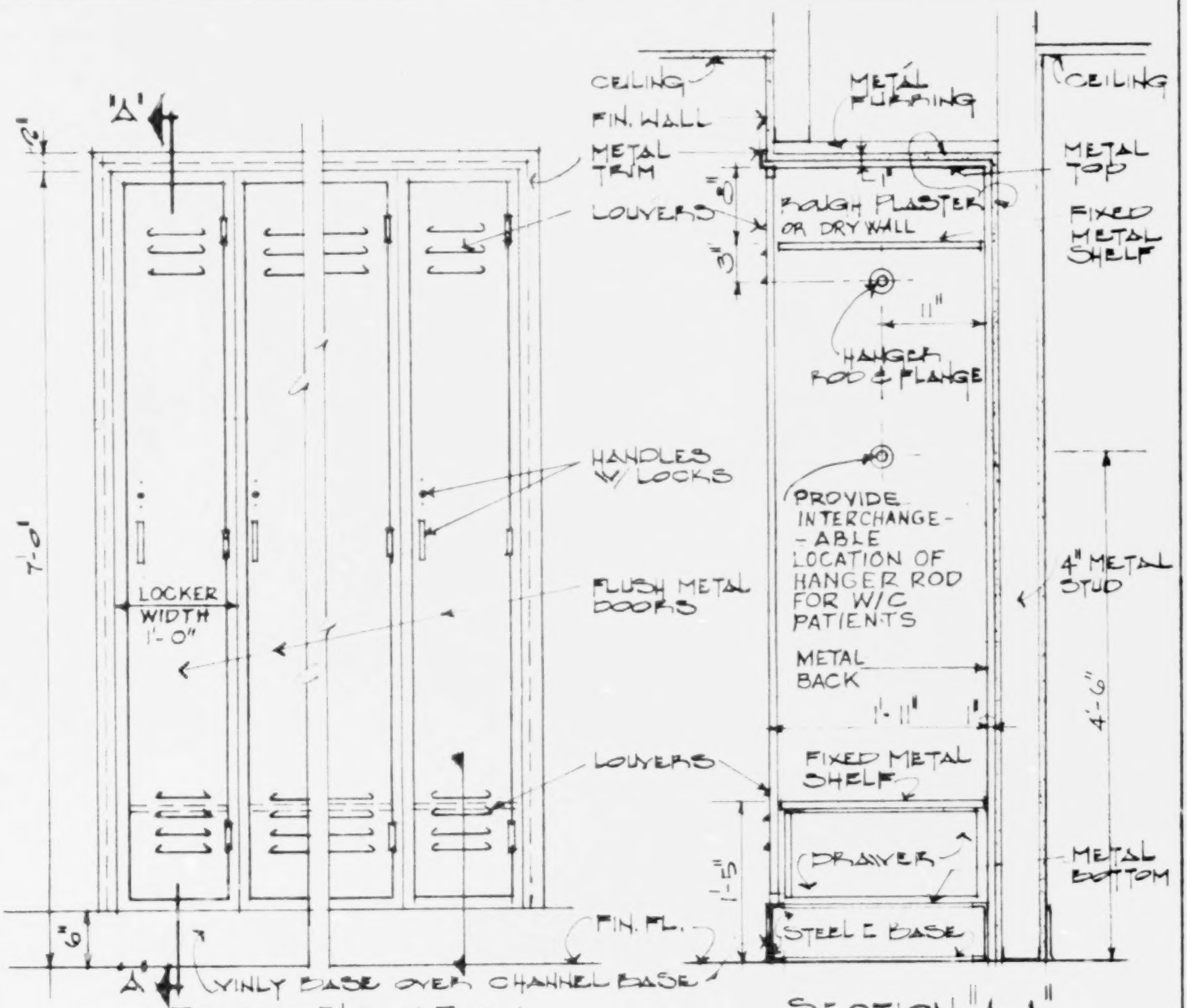
LOCKERS - METAL TYPES B&C

JAN.'61

61

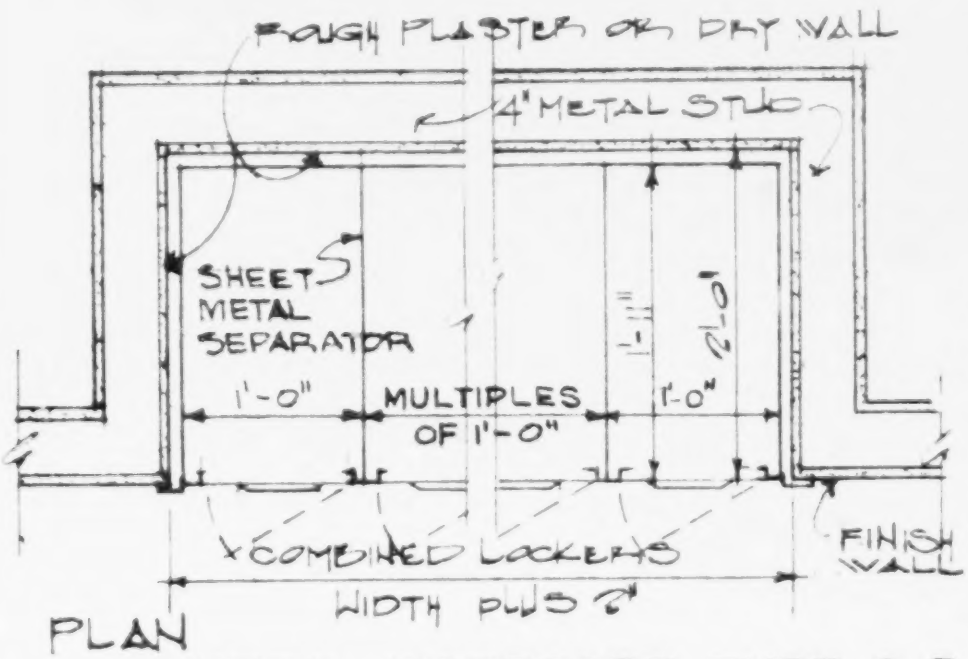
JULY 71

VA ARCHITECTURAL STANDARD DETAIL



FRONT ELEVATION

SECTION "A-A"



PLAN

NOTE:
SEE PLANS FOR NUMBER OF WARDROBE LOCKERS.
DOORS SHALL BE RIGHT OR LEFT HAND, SEE PLANS.
CONTRACTOR SHALL PROVIDE SHOP DWG. DETAILS.

DETAILS SHOWN IN METAL STUD AND PLASTER OR DRYWALL PARTITIONS. REVISE AS NECESSARY FOR INSTALLATION IN OTHER TYPES OF PARTITIONS.

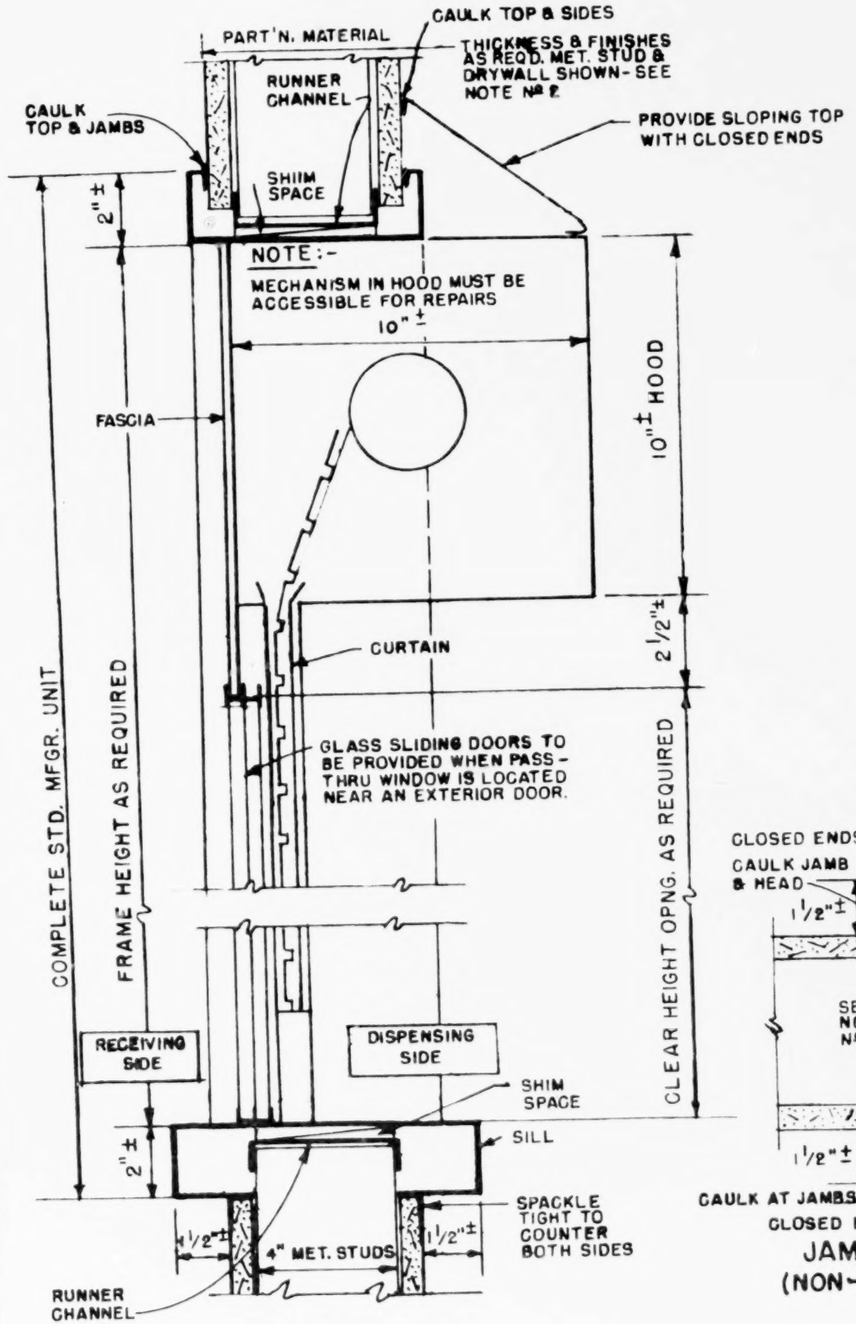
NOTE TO DRAFTSMAN: FOR ANCHORAGE SEE STANDARD DETAIL NO. CC

LOCKERS WARDROBE TYPE S-3
(BUILT-IN)

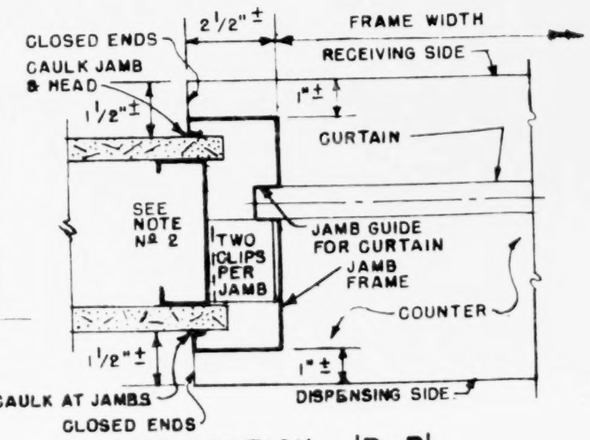
JULY '77

61
A

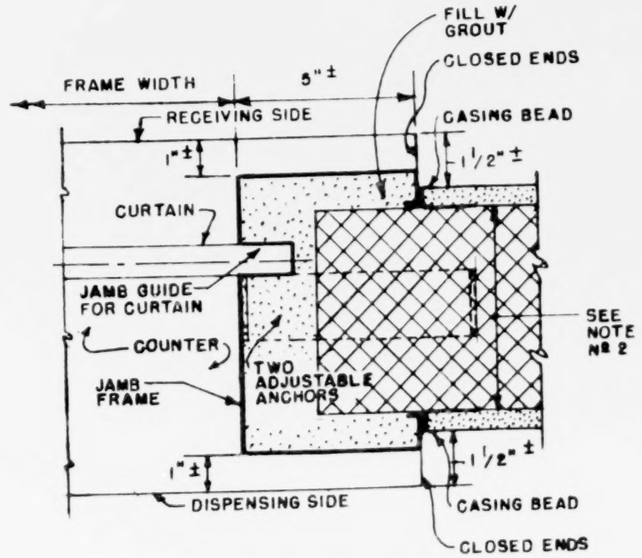
VA. ARCHITECTURAL STANDARD DETAIL



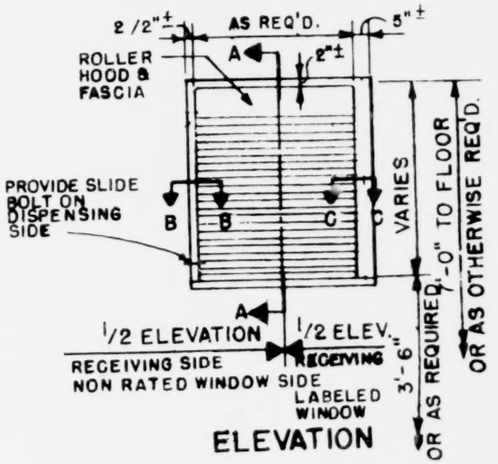
SECTION - 'A-A'



JAMB SECTION - 'B-B'
(NON-FIRE RATED WINDOW)



JAMB SECTION - 'C-C'
FIRE RATED WINDOW
1 1/2 HOUR, B-LABEL



ELEVATION

NOTES

1. DETAILS OF PASS WINDOW SHALL INDICATE THE TYPE OF PARTITION(S) IN WHICH THEY OCCUR. LINTELS SHALL BE PROVIDED AS NECESSARY. PROPER DIMENSIONS SHALL BE GIVEN.
2. PASS WINDOW IN 2 HOUR FIRE RATED WALLS SHALL HAVE A 1 1/2 HOUR (B LABEL) RATING AND SHALL BE EQUIPPED TO CLOSE BY AUTOMATIC FUSIBLE LINK. ARCHITECT SHALL NOTE ON PLANS WHICH PASS WINDOWS ARE TO BE FIRE RATED.
3. CORNERS TO BE BENT OR WELDED AND GROUND SMOOTH WITH SLIGHT RADIUS PROVIDED.

PASS WINDOW DETAILS
(PRE-ASSEMBLED)

TITLE

DATE ISSUED JAN. '79 | REVISION

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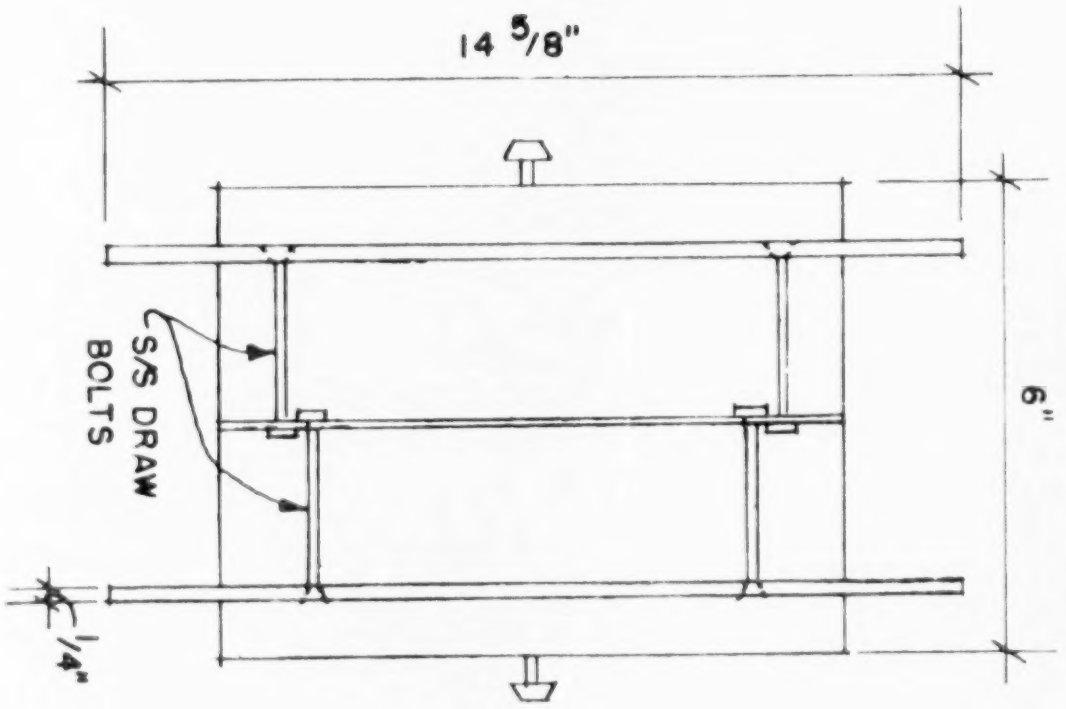
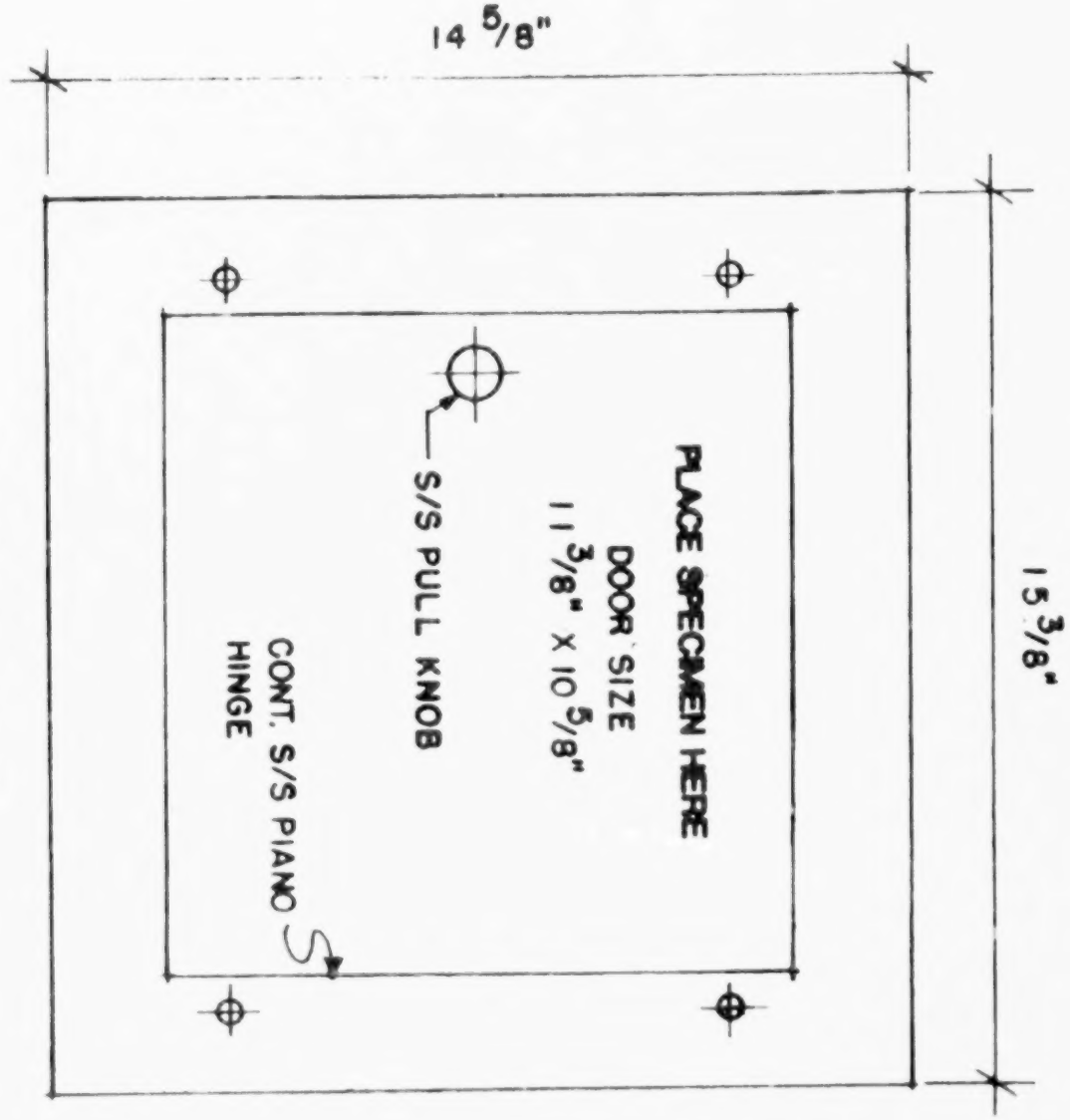
Veterans Administration STANDARD DETAIL



SECTION

ELEVATION



Veterans Administration STANDARD DETAIL 64

RECESSED SPECIMEN PASS BOX

TITLE

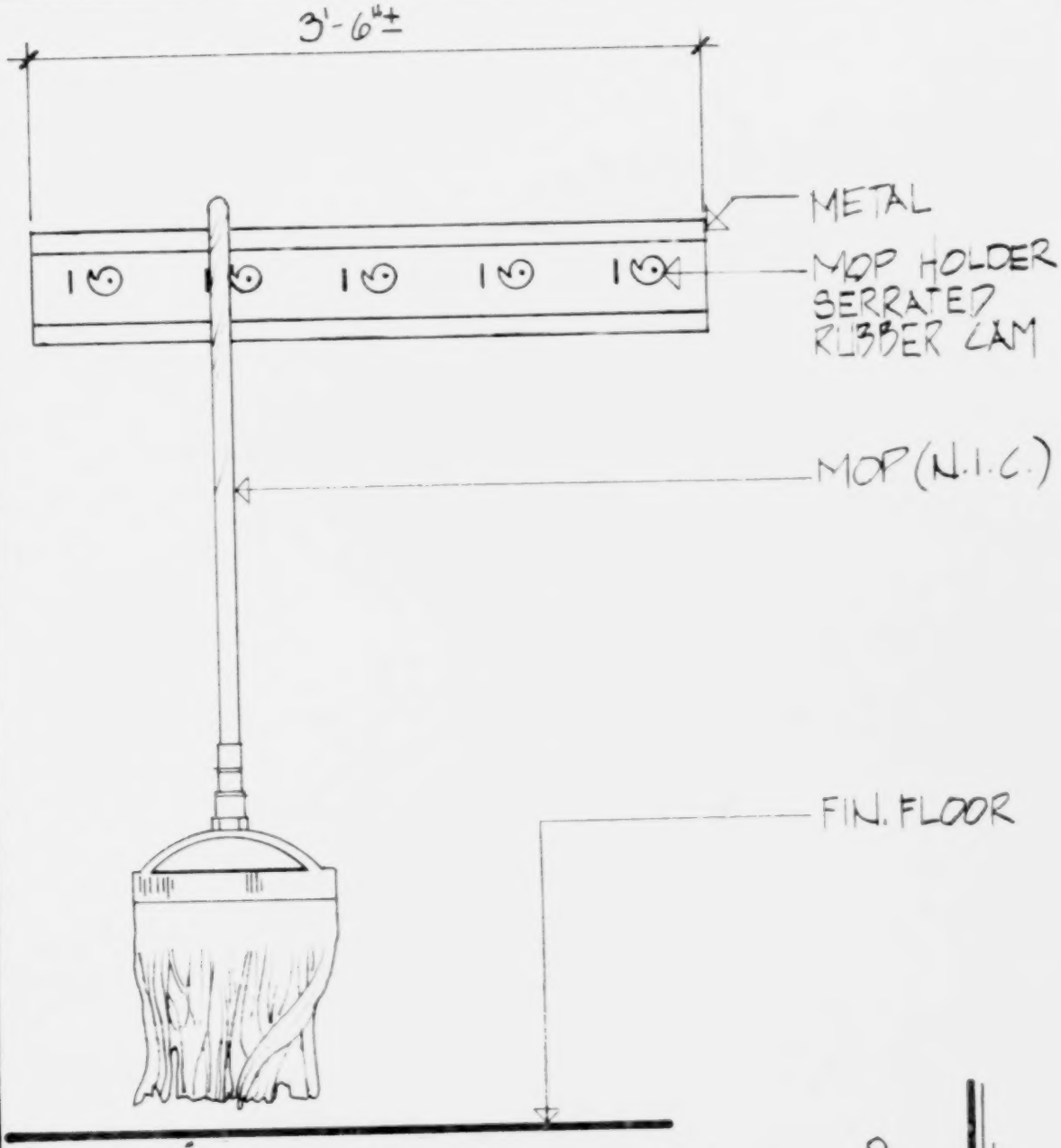
DATE ISSUED JAN. '81

REVISION

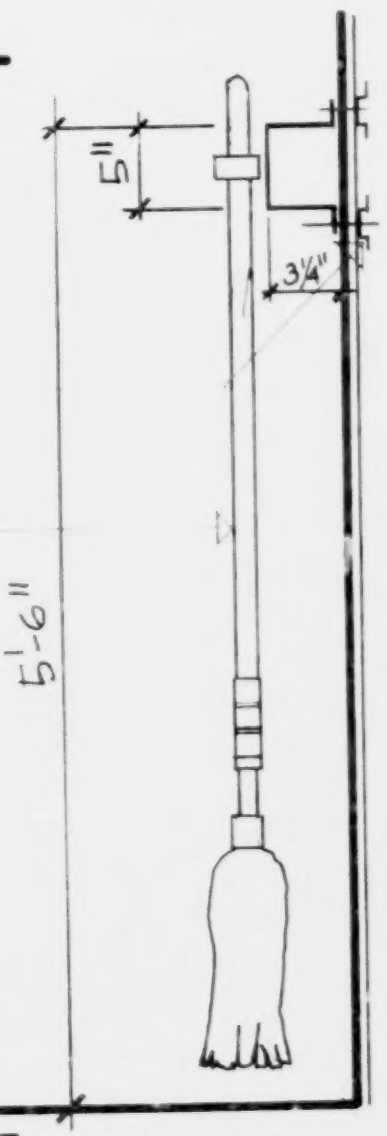
NOTES

1. ENTIRE UNIT FABRICATED OF 18 GAUGE STAINLESS STEEL.

2. SELF CLOSING DOORS WITH LOCKING MECHANISM TO PREVENT BOTH DOORS FROM BEING OPENED AT SAME TIME.



ELEVATION
scale 3/4": 1'-0"



AT CHANNEL ANCHORAGE (SEE STANDARD DETAIL #66)

MOP (N.I.C.)

SECTION
scale 3/4": 1'-0"

NOTES

MOP RACK TYPE 10

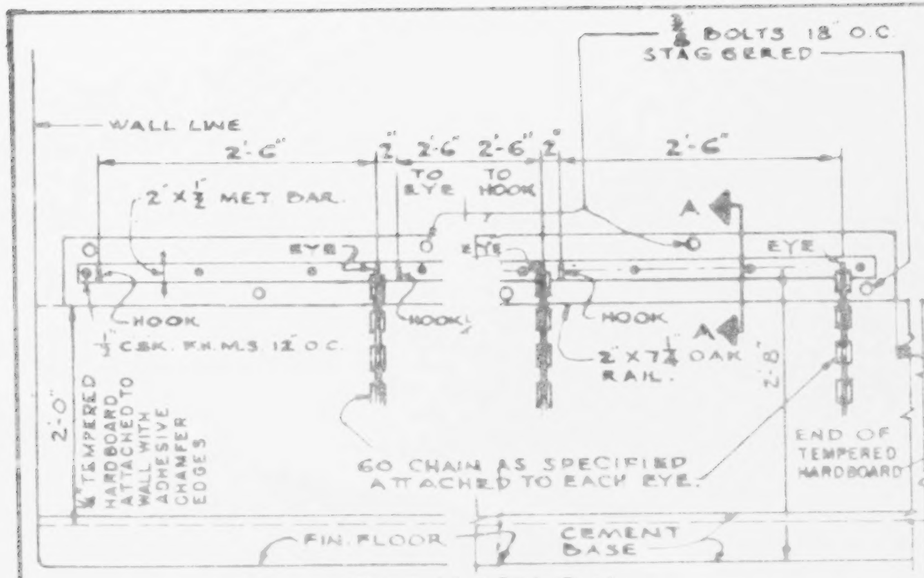
TITLE

DATE ISSUED 6/7/82

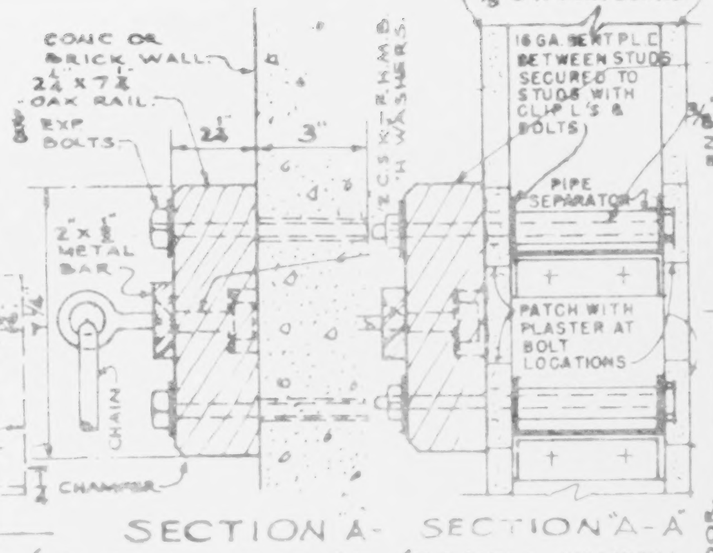
REVISION

64 B

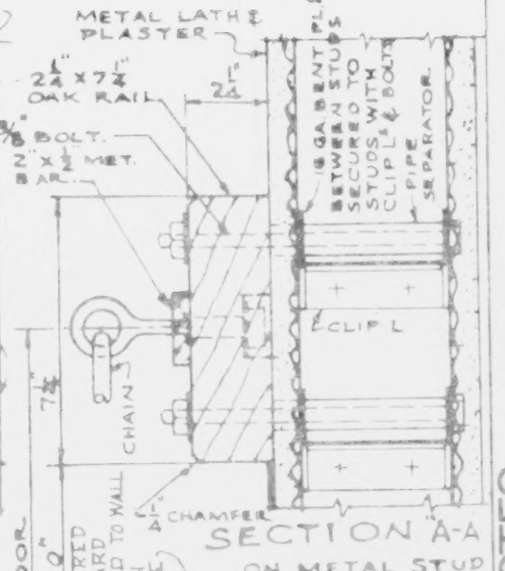
Veterans Administration STANDARD DETAIL



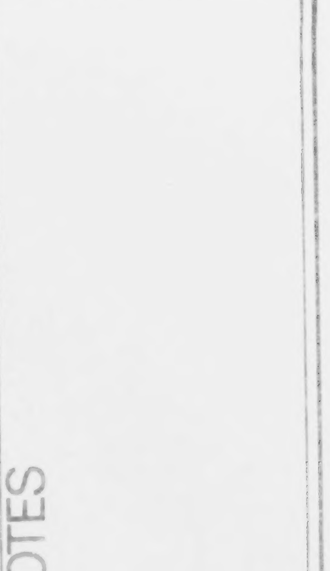
ELEVATION.



SECTION A-A
(ON CONCRETE OR SOLID MASONRY WALL)

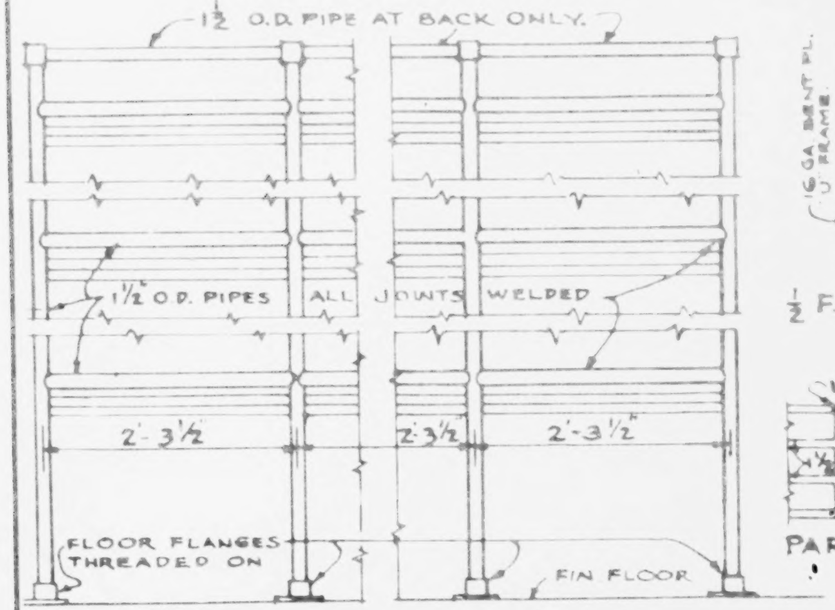


SECTION A-A
(DRYWALL ON METAL STUD PARTITION)

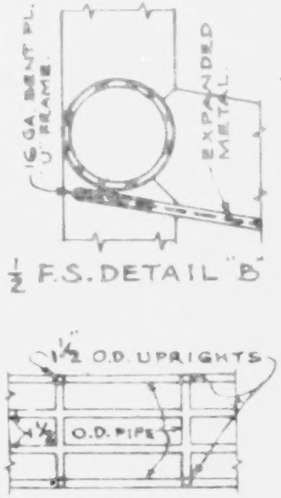


SECTION AT BASE
METAL STUD PARTITION

CHAIN RACK FOR GAS STORAGE.

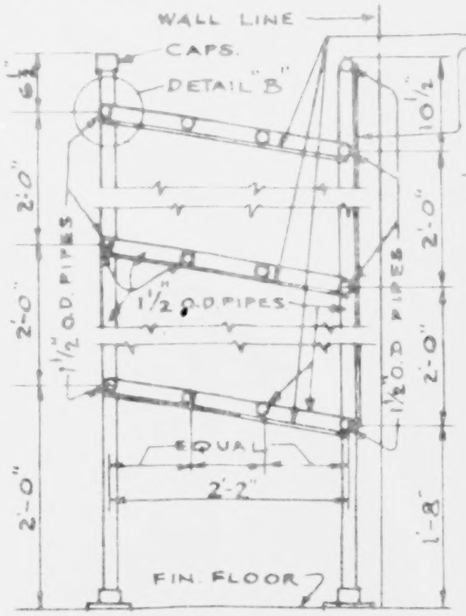


PART ELEVATION



1/2 F.S. DETAIL "B"

PART PLAN



SECTION.

NOTE:

1. CYLINDER RACKS SHALL BE GROUNDED AS FOLLOWS: PROVIDE #10 COPPER WIRE EXTENDED TO NEAREST COLD WATER PIPE AND CONNECTED TO APPROVED GROUND CLAMPS ATTACHED TO PIPE FRAME AT REAR OF RACK AND TO COLD WATER PIPE.
2. WHERE CHAIN RACK OCCURS ON C.M.U. PARTITION FILL CELLS SOLID WITH CONCRETE OR PROVIDE SOLID MASONRY FOR THRU BOLTS.
3. HOOKS & EYES OF CHAIN RACKS TO EXTEND THRU 2"X1/2" METAL BAR AND WELD FLUSH ON BACK. METAL BAR SHALL BE GROUNDED AS FOLLOWS: PROVIDE #10 WIRE BOLTED TO METAL BAR AND ATTACHED TO NEAREST COLD WATER PIPE WITH APPROVED GROUND CLAMP.
4. ALL METAL OF CYLINDER RACKS AND CHAIN RACKS SHALL BE GALVANIZED AND LEFT UNPAINTED.
5. SEE PLANS FOR OVERALL LENGTH OF RACKS.

NOTES

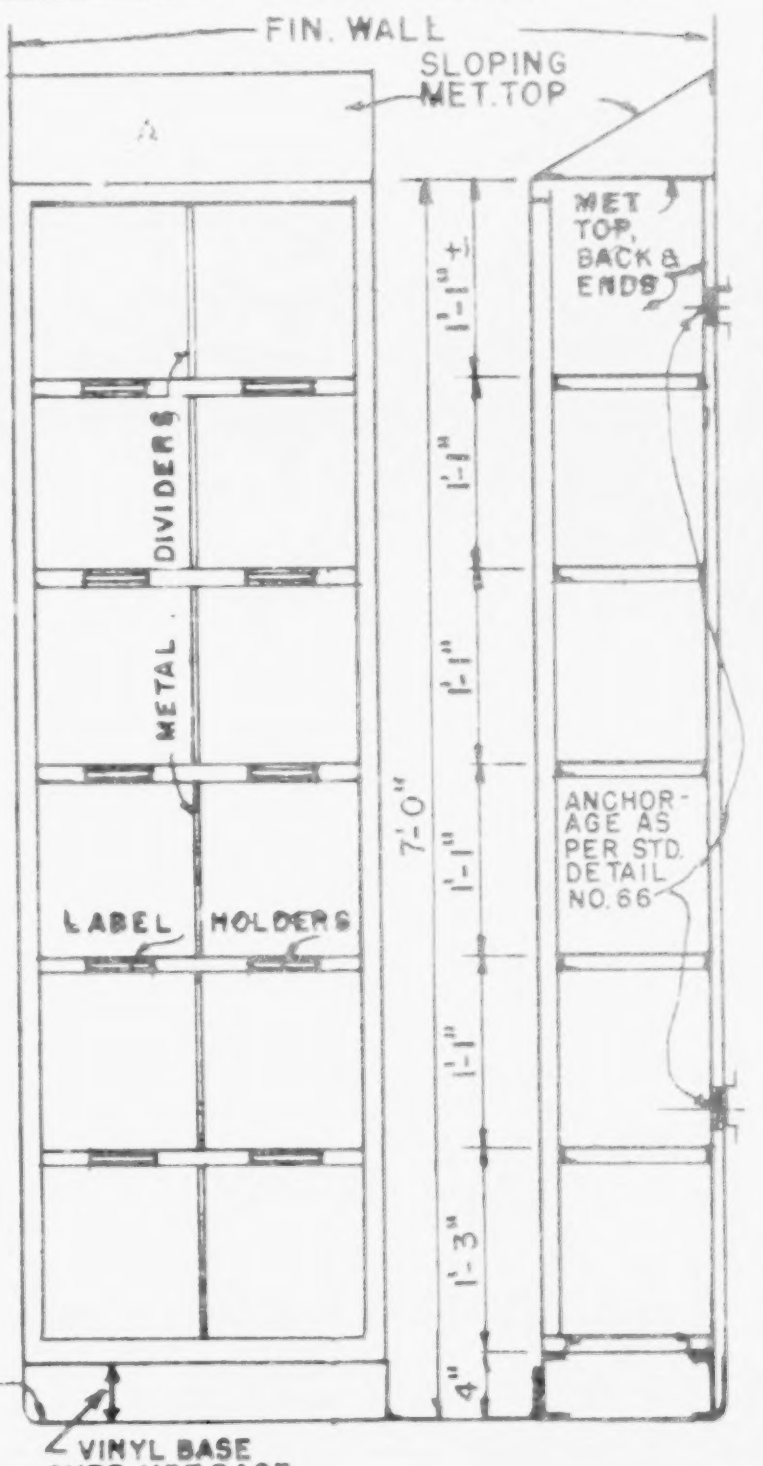
TITLE: GAS STORAGE RACK

DATE ISSUED Sept. '79 | REVISION

Veterans Administration STANDARD DETAIL

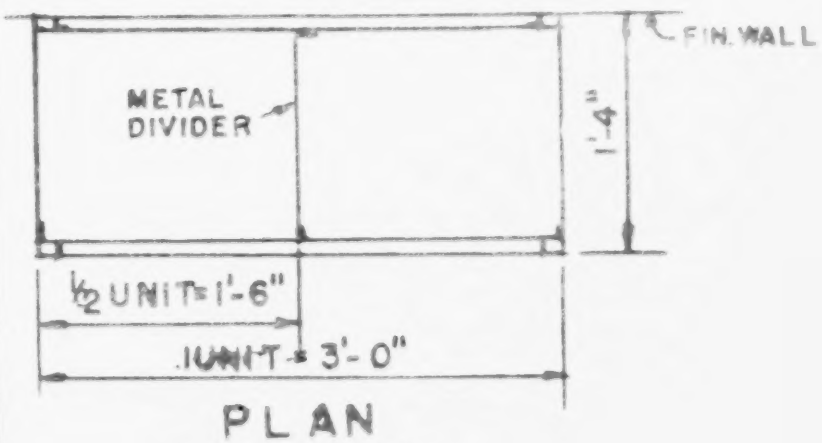
ELEVATION SECTION

TYPE 3 (MOVABLE)



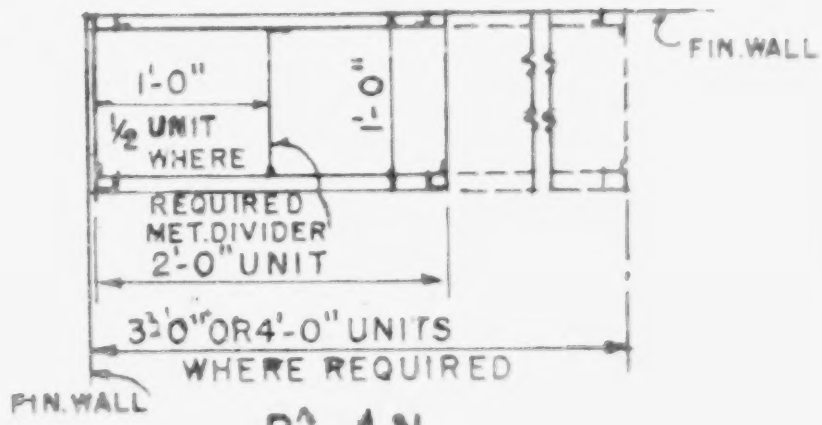
ELEVATION SECTION

TYPE - 2



PLAN

TYPE - 3



PLAN

TYPE - 2

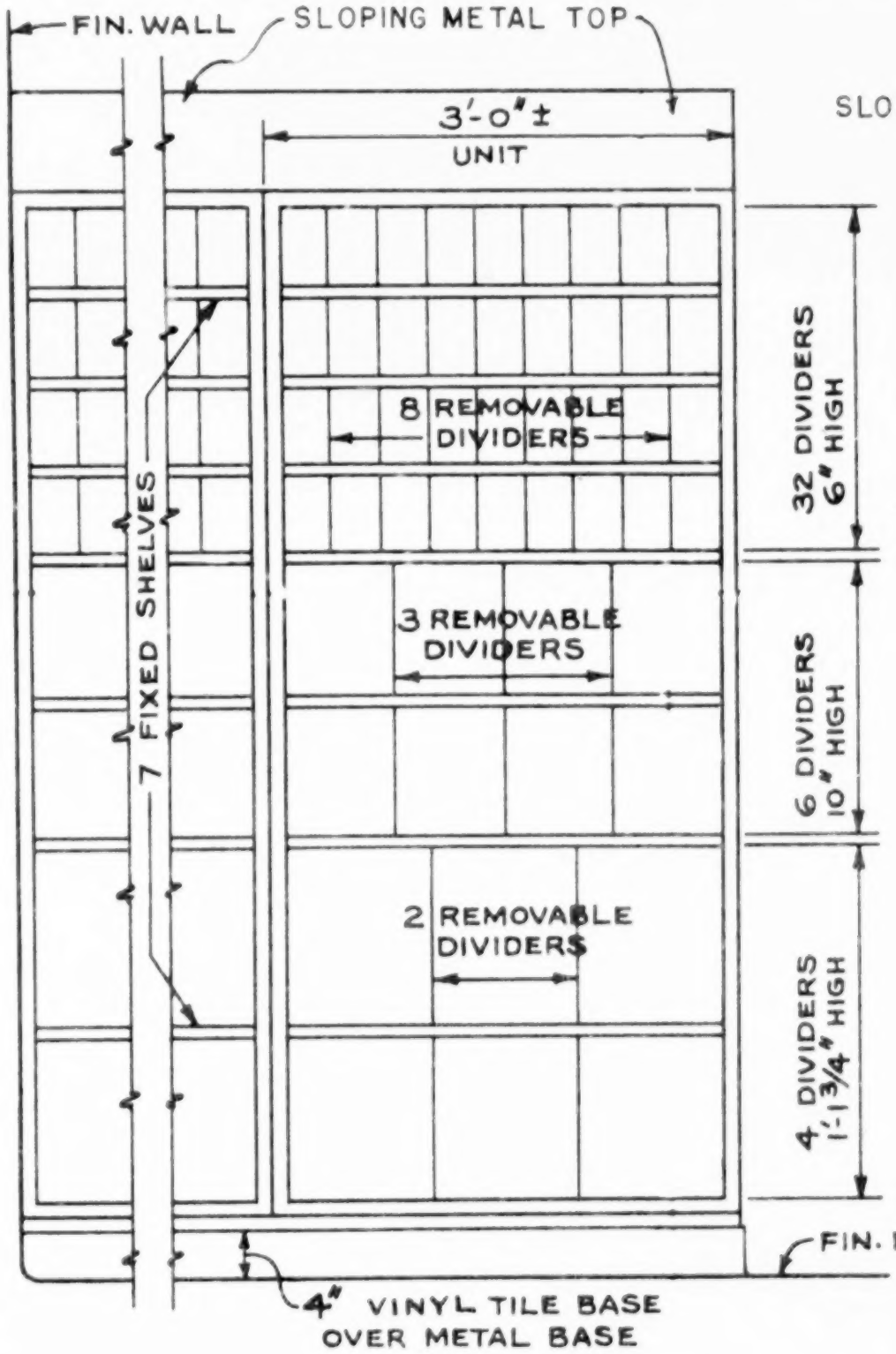
NOTE:
ALL SHELVES & DIVIDERS IN BINS TYPES 2 & 3 SHALL BE FIXED.
METAL DIVIDERS SHALL BE FLANGED AT TOP, BOTTOM & BACK.
FRONT EDGES OF DIVIDERS SHALL BE BEADED.
CONTRACTOR SHALL PROVIDE SHOP DWGS.

NOTE TO DRAFTSMAN: FOR ANCHORAGE TO WALL, SEE STANDARD DETAIL NO. 66

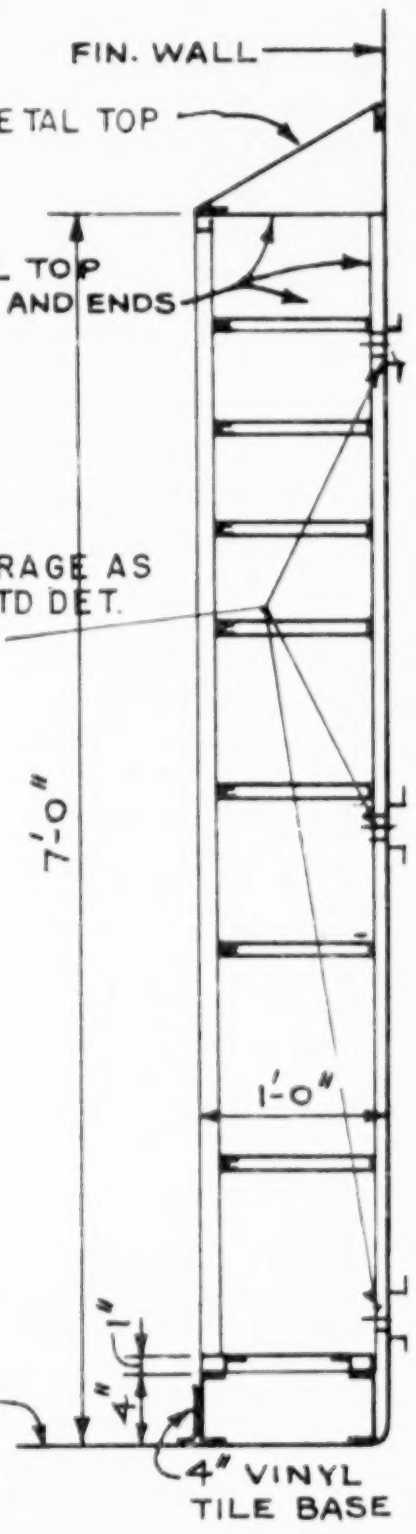
BINS, CLOTHING - TYPES 2 & 3

DEC '74

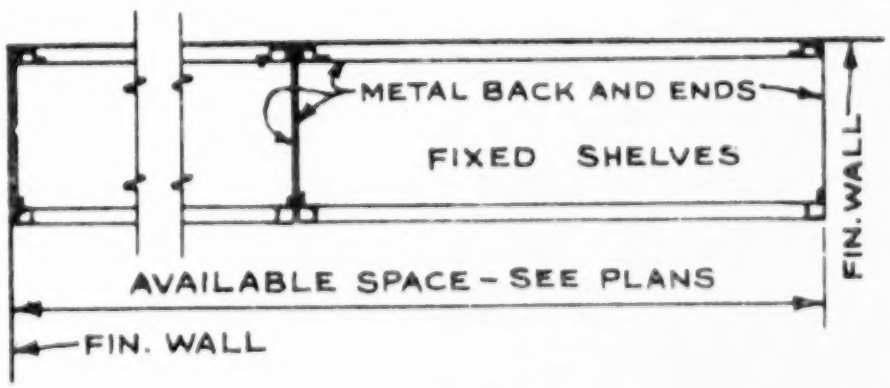
65



ELEVATION



SECTION



PLAN

NOTE:

1. FRONT EDGE OF ALL DIVIDERS SHALL BE BEADED.
2. DIVIDERS SHALL BE ADJUSTABLE AT 2" INTERVALS.
3. PROVIDE A CONTINUOUS LABEL HOLDER STRIP AT FRONT EDGE OF EACH SHELF.
4. CONTRACTOR SHALL PROVIDE SHOP DWGS.

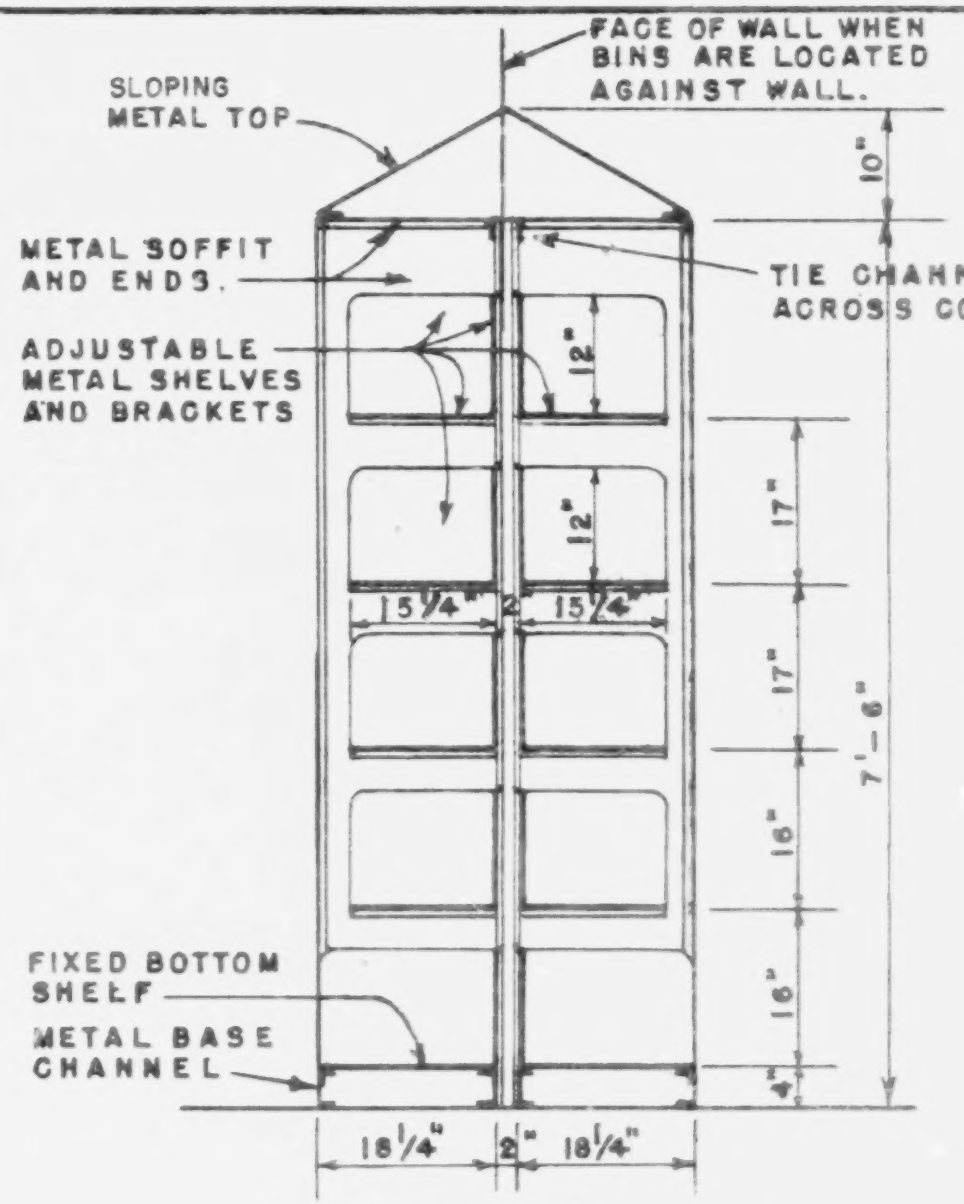
NOTE TO DRAFTSMAN: FOR ANCHORAGE TO WALL, SEE STANDARD DETAIL NO. 66

BINS, TYPE 3A

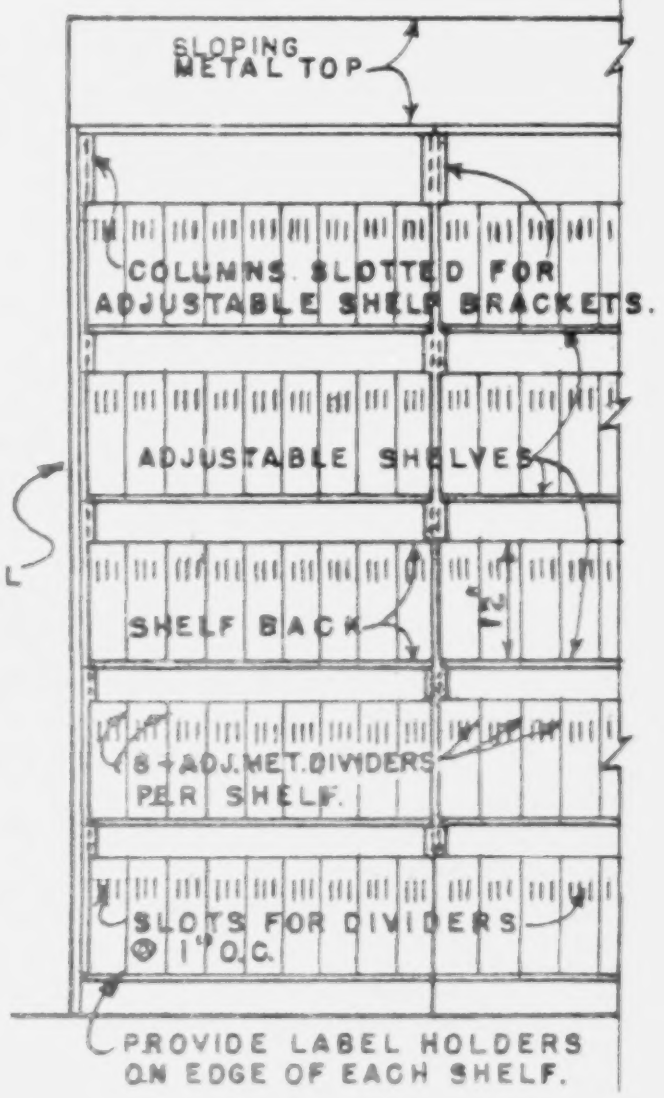
65A

3.74

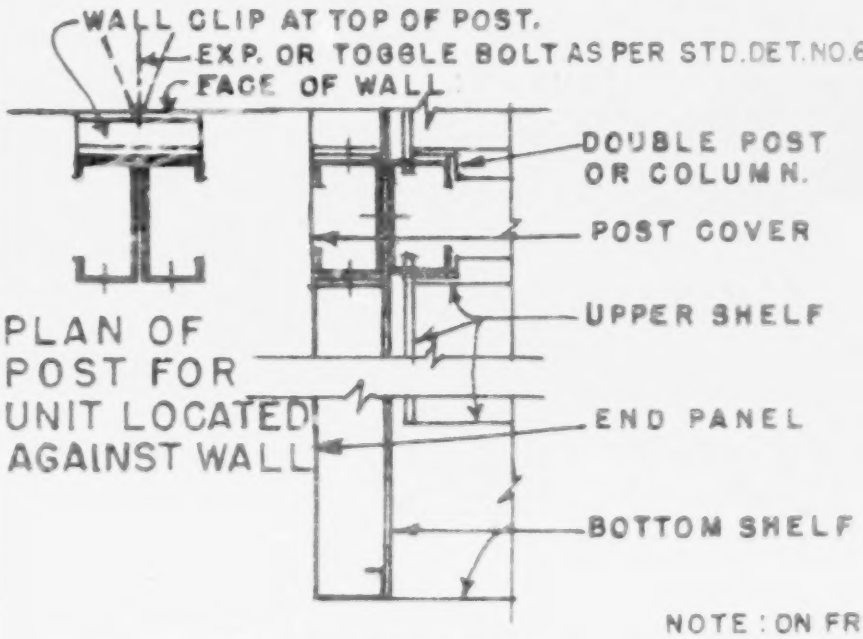
VA ARCHITECTURAL STANDARD DETAIL



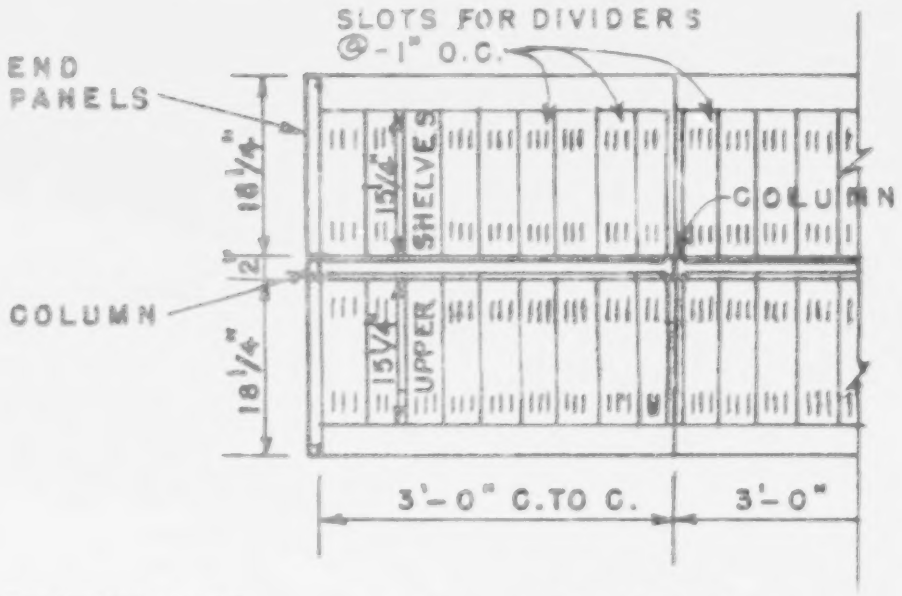
SECTION THRU UNIT



ELEVATION OF UNIT



PLAN DETAIL



PLAN OF UNIT

NOTE: ON FREE STANDING UNITS, BOLT TO FLOOR WITH ¼" BOLTS. FOUR BOLTS PER UNIT.

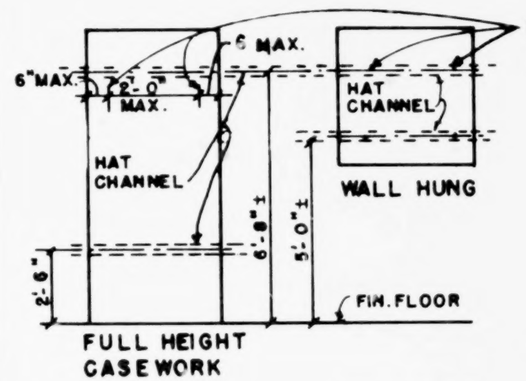
NOTE TO DRAFTSMAN: FOR ANCHORAGE TO WALL, SEE STANDARD DETAIL NO. 66

BINS, X-RAY FILM STORAGE TYPE 9

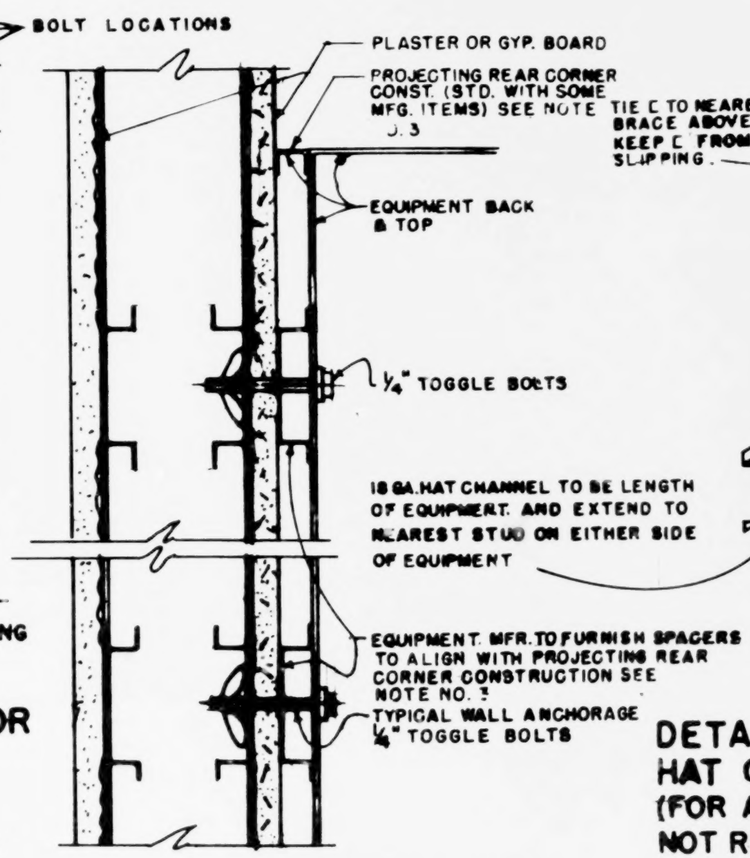
JAN. '81

65B

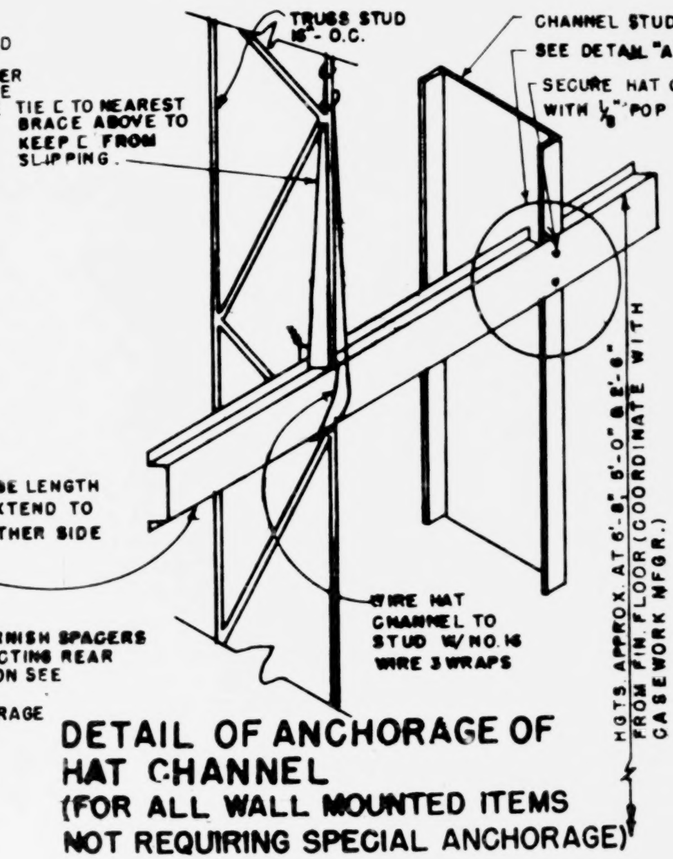
DEC. '74



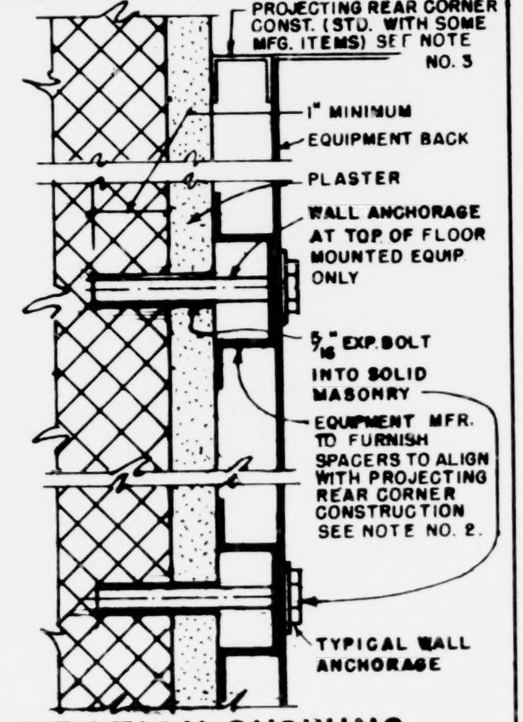
TYPICAL CASEWORK AND/OR EQUIPMENT ELEVATIONS SHOWING HAT CHANNEL LOCATIONS ON MET. STUD PARTITIONS



SECTION THRU METAL STUD PARTITION AND WALL MOUNTED ITEM

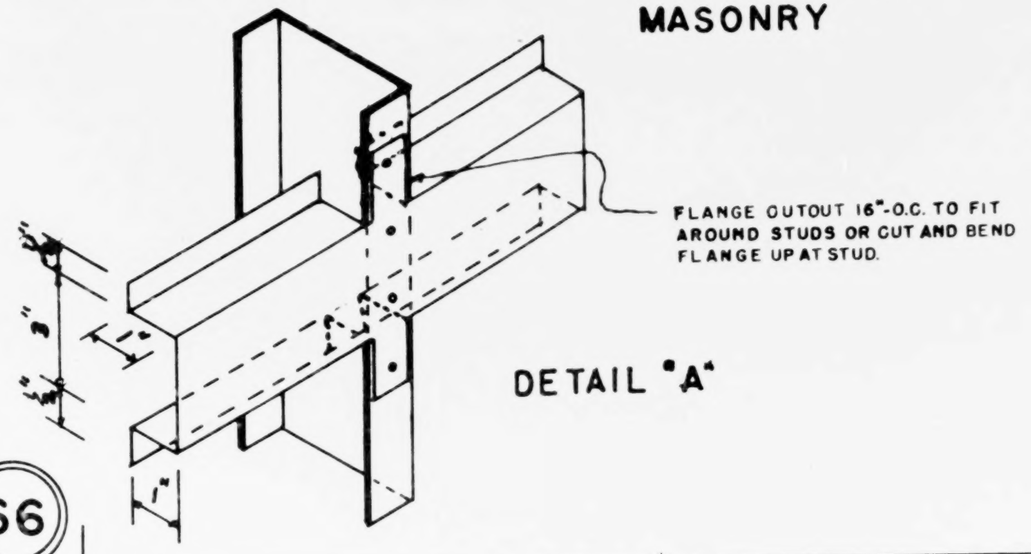


DETAIL OF ANCHORAGE OF HAT CHANNEL (FOR ALL WALL MOUNTED ITEMS NOT REQUIRING SPECIAL ANCHORAGE)



SECTION SHOWING WALL MOUNTED ITEMS HUNG ON SOLID MASONRY

NOTES:
1. CONTRACTOR SHALL DETERMINE THE LOCATIONS, HEIGHT & LENGTH OF HAT CHANNELS REQUIRED FROM THE EQUIPMENT MFGR. SHOP DRAWINGS PRIOR TO INSTALLING HAT CHANNELS.
2. TWO BOLTS TOP & BOTTOM PER UNIT MINIMUM. BOLTS 2'-0"-O.C. MAXIMUM. BOLTS TO BE LOCATED WITHIN 6" OF EACH END OF EQUIPMENT.
3. IF MFGRS STD. ITEM HAS NO REAR CORNER PROJECTION THEN NO FILLER CLOSURES OR HAT CHANNELS BETWEEN BACK OF CABINET AND WALL FINISH ARE REQUIRED.

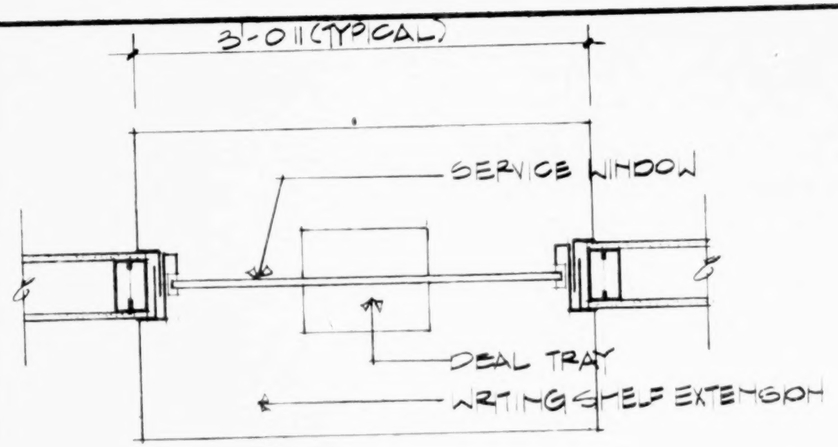


DETAIL "A"

ANCHORAGE FOR WALL MOUNTED ITEMS
(NOT REQUIRING SPECIAL ANCHORAGE)

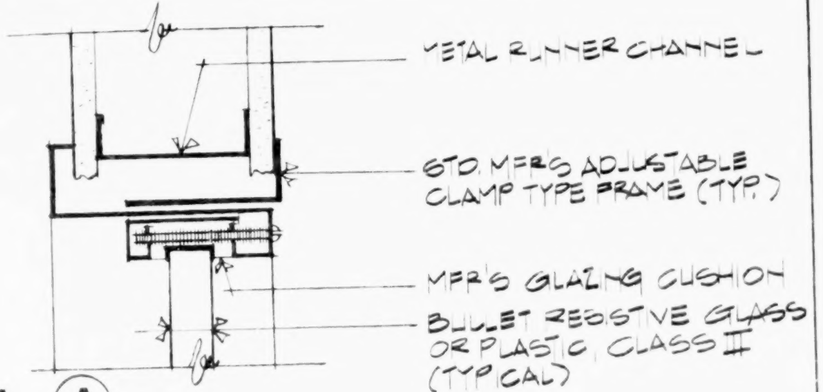
JULY '77

VA # ARCHITECTURAL DETAIL



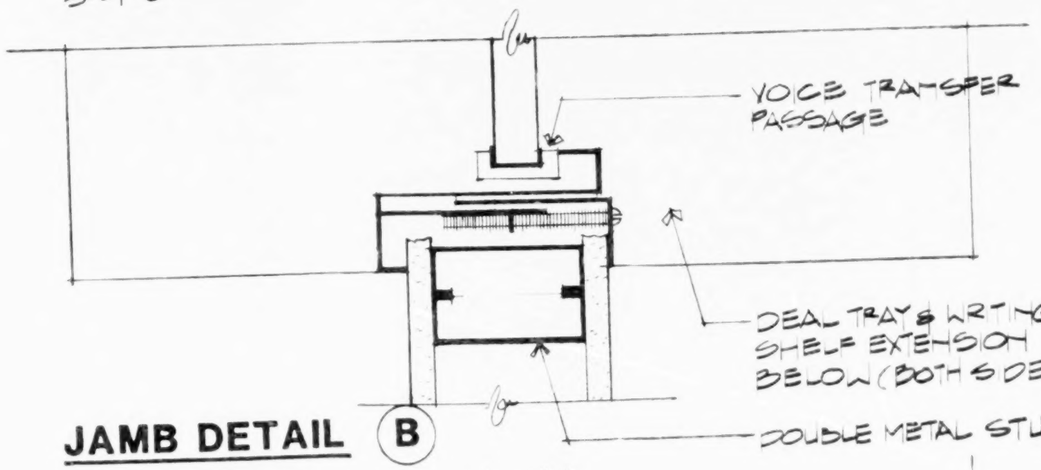
PLAN

1" = 1'-0"



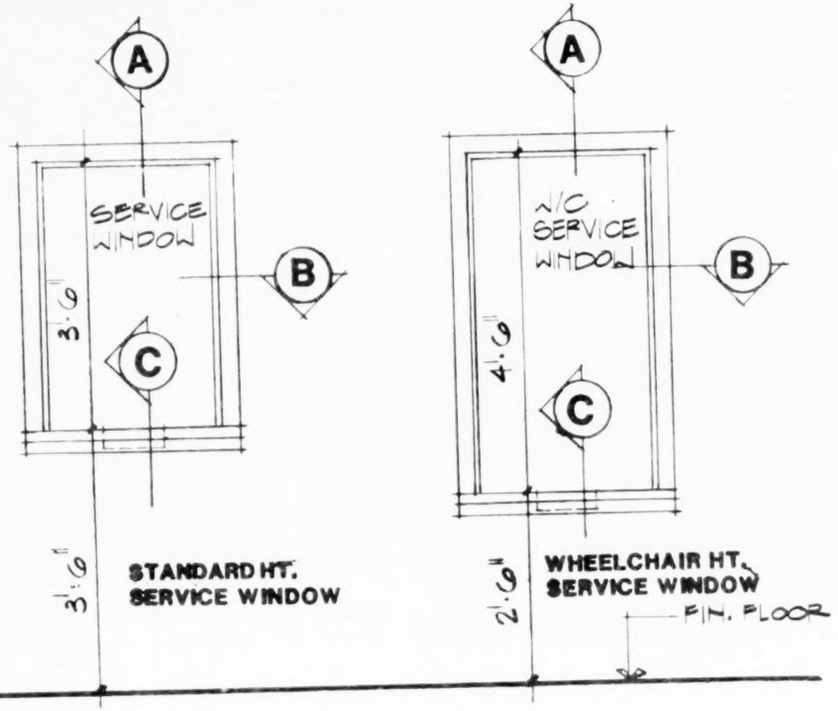
HEAD DETAIL (A)

3" = 1'-0"



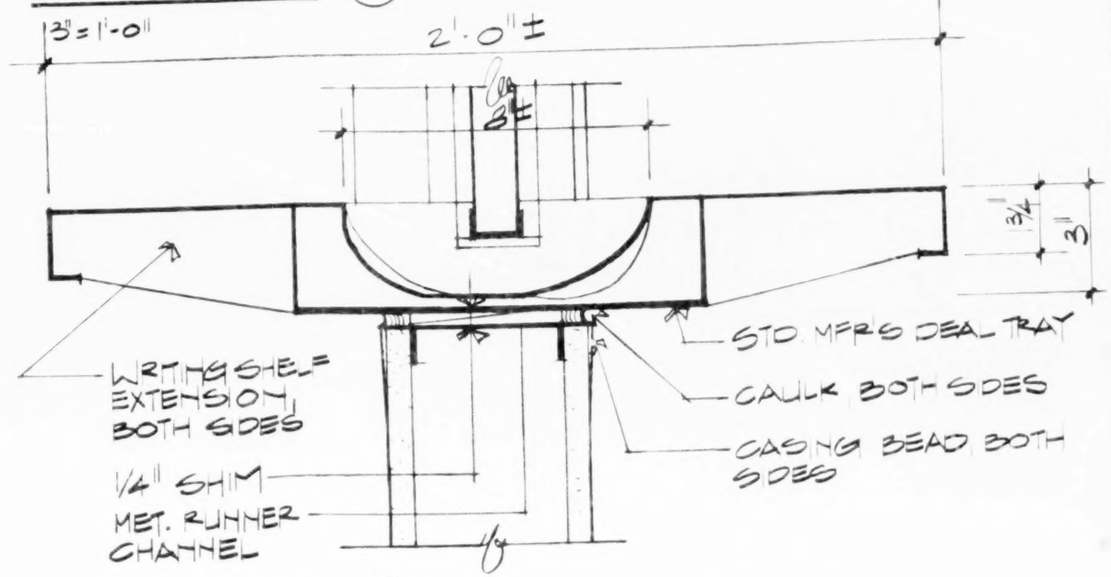
JAMB DETAIL (B)

3" = 1'-0"



ELEVATION

1/2" = 1'-0"



SILL (SHELF) DETAIL (C)

3" = 1'-0"

NOTES

1. NUMBER & ARRANGEMENT OF WINDOWS SHOULD BE DESIGNED FOR INDIVIDUAL PROJECTS.
2. FIRE SHUTTER W/FUSIBLE LINK & SMOKE DETECTOR (SEE STANDARD DETAIL 62 (SIM)) IS REQUIRED TO BE ADDED WHEN SERVICE WINDOWS ARE LOCATED IN A FIRE RATED WALL.

SERVICE WINDOWS FOR CREDIT UNION AND AGENT CASHIER

TITLE

DATE ISSUED 1/31/89 | REVISION

67

Veterans Administration STANDARD DETAIL

Veterans Administration STANDARD DETAIL

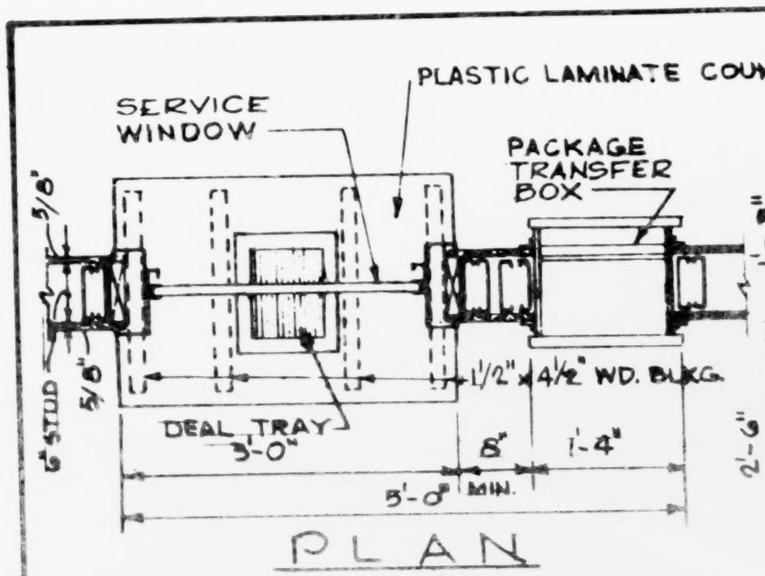
67A

PASS-THRU, WALL OPENING BETWEEN CASHIER'S OFFICE AND TRAVEL OFFICE

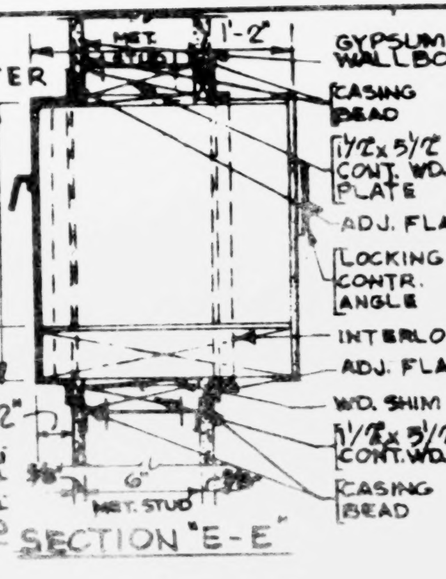
TITLE

DATE ISSUED Sept. '79 | REVISION

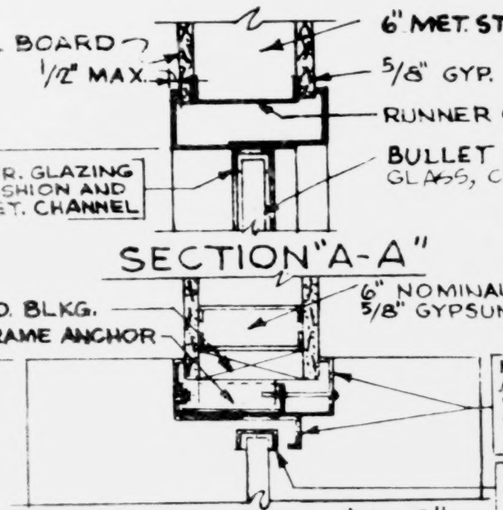
NOTES



PLAN

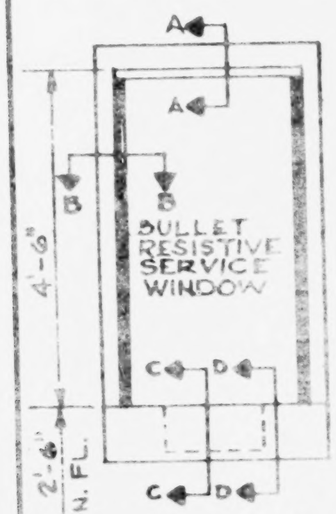


SECTION "E-E"

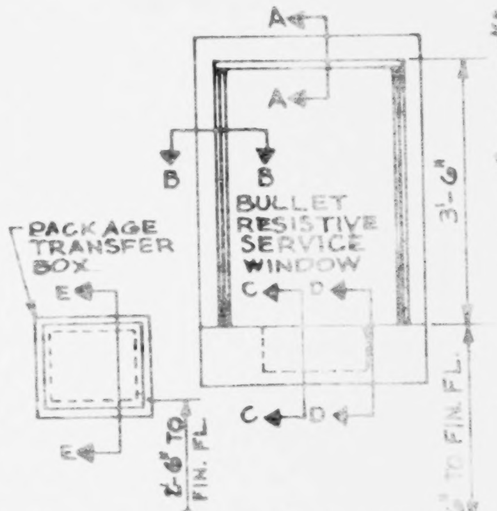


SECTION "A-A"

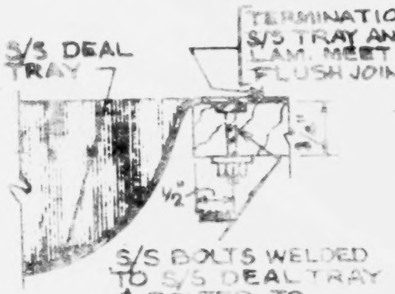
SECTION "B-B"



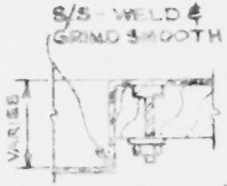
ELEVATION OF WHEEL CHAIR HGT. WINDOW (FROM PATIENTS SIDE)



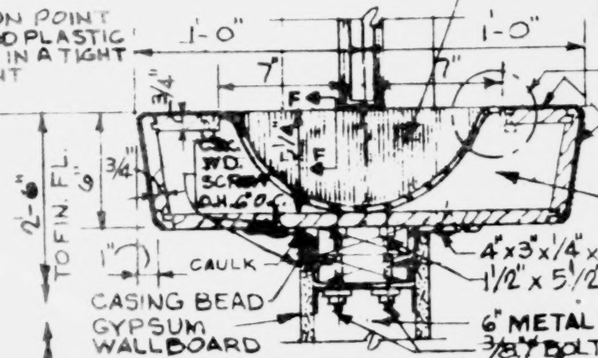
ELEVATION OF STANDARD HEIGHT WINDOWS (FROM PATIENTS SIDE)



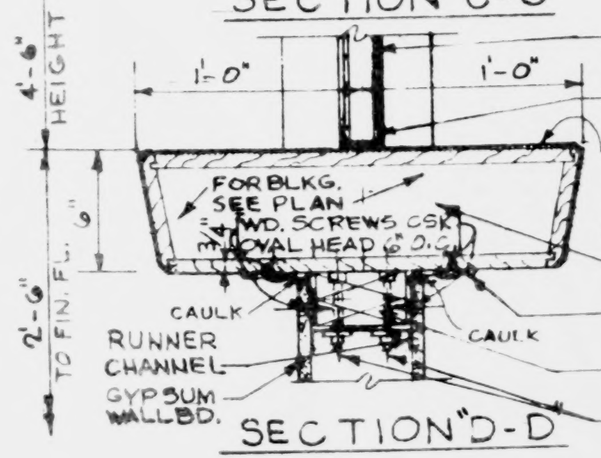
DETAIL "1"



SECT. "F-F"



SECTION "C-C"



SECTION "D-D"

NOTES

1. NUMBER AND ARRANGEMENT OF WINDOWS AND BOX SHOULD BE DESIGNED FOR INDIVIDUAL PROJECTS.
2. FIRE SHUTTER W/FUSIBLE LINK AND SMOKE DETECTOR (SEE STD. DET. 62 SIMILAR) IS REQUIRED TO BE ADDED WHEN WINDOWS ARE LOCATED IN A FIRE RATED WALL.
3. REVISE DETAIL AS NECESSARY FOR METAL STUD AND PLAS. FINISH OR MAS. BLOCK AND PLAS. FINISH.

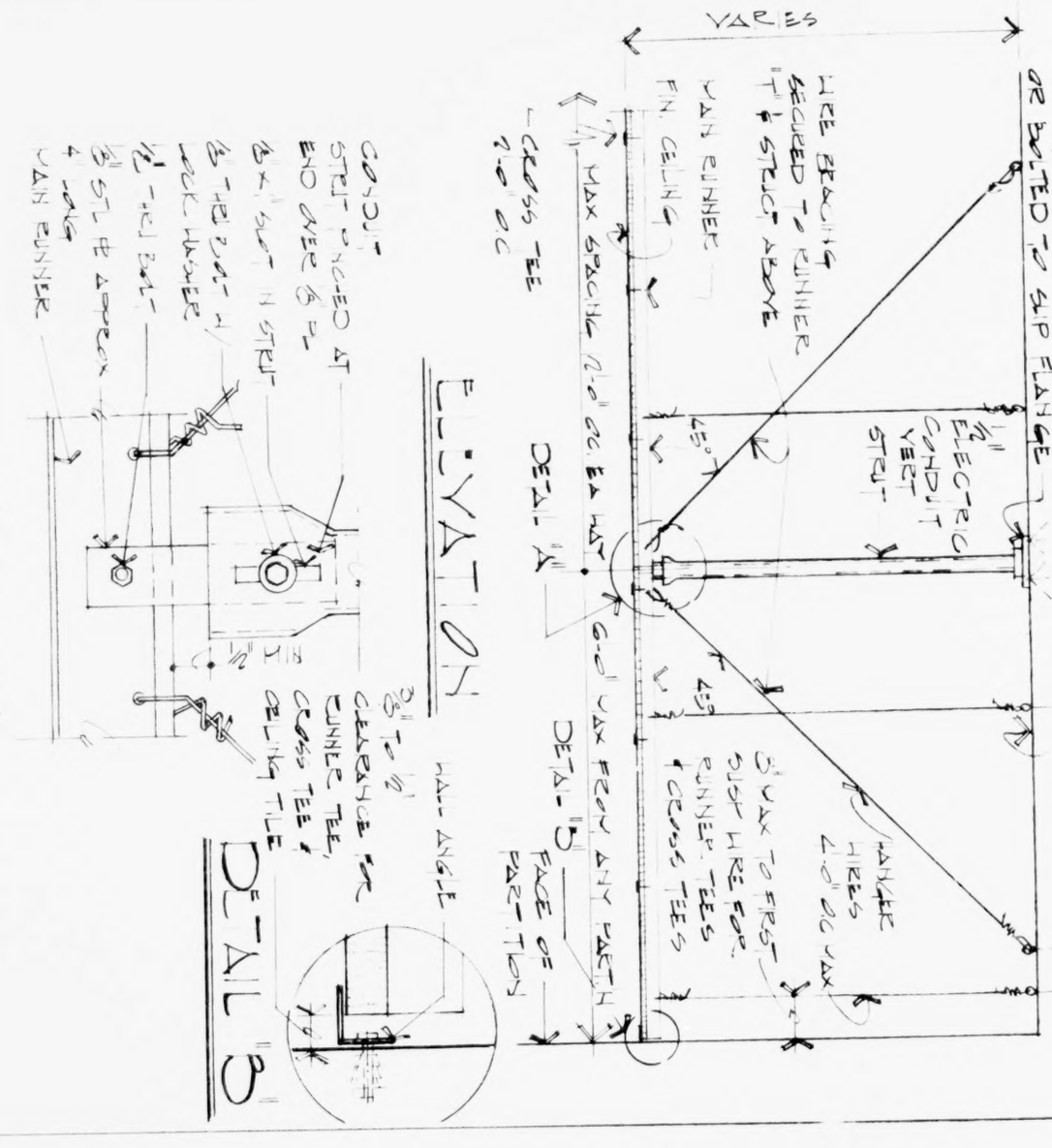
TITLE: SERVICE WINDOW AND PACKAGE TRANSFER BOX FOR PHARMACY

DATE ISSUED: 9/30/20

REVISION

67B

Veterans Administration STANDARD DETAIL



DETAIL "A"

BASIC METHOD FOR BRACING AGAINST UP-LIFT

ORAL METHOD FOR BRACING AGAINST UP-LIFT

Veterans Administration STANDARD DETAIL 68

CEILING BRACING FOR SEISMIC FORCES FOR USE WITH ACOUSTICAL TILE LAY IN CEILING

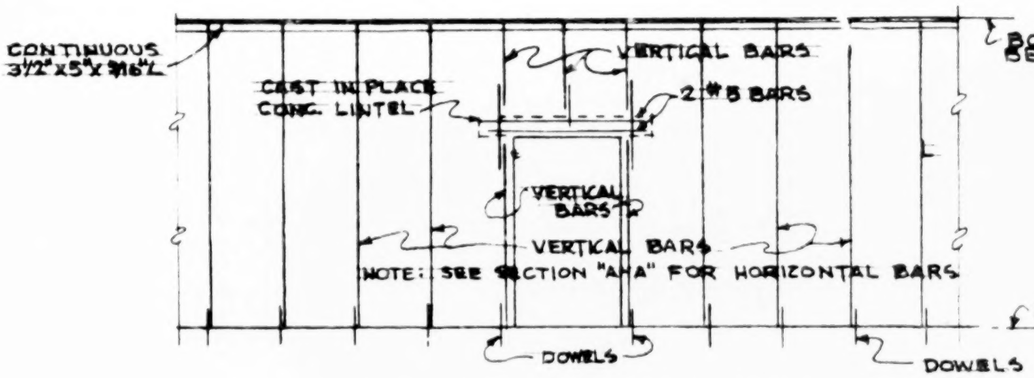
TITLE

DATE ISSUED JAN. '79

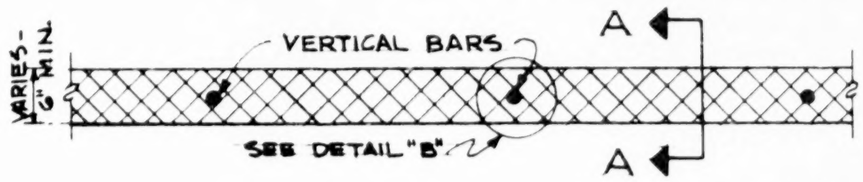
REVISION

NOTES

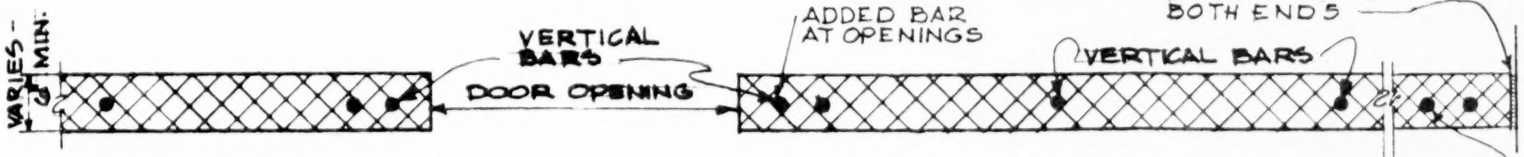
1. IN SPACES 12 FT x 12 FT OR LESS IN BOTH DIRECTIONS ONLY ONE VERTICAL STRUT IS REQUIRED
2. DO NOT ANCHOR RUNNER TEES OR CROSS TEES TO WALL ANGLE.
3. ALL WIRE SHALL BE TAUT WITH 3 COMPLETE TURNS AROUND SELF.
4. DRILL ONE WALL OF 3/4" CONDUIT PRIOR TO ERECTION TO ACT AS A PILOT HOLE FOR THRU-DRILLING WHEN BOTH CONDUITS ARE FIRMLY HELD IN PLACE.



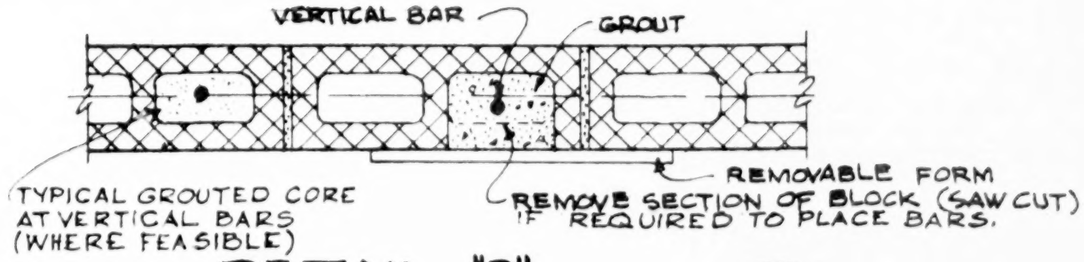
WALL ELEVATION



TYPICAL WALL PLAN



PLAN OF WALL WITH DOOR

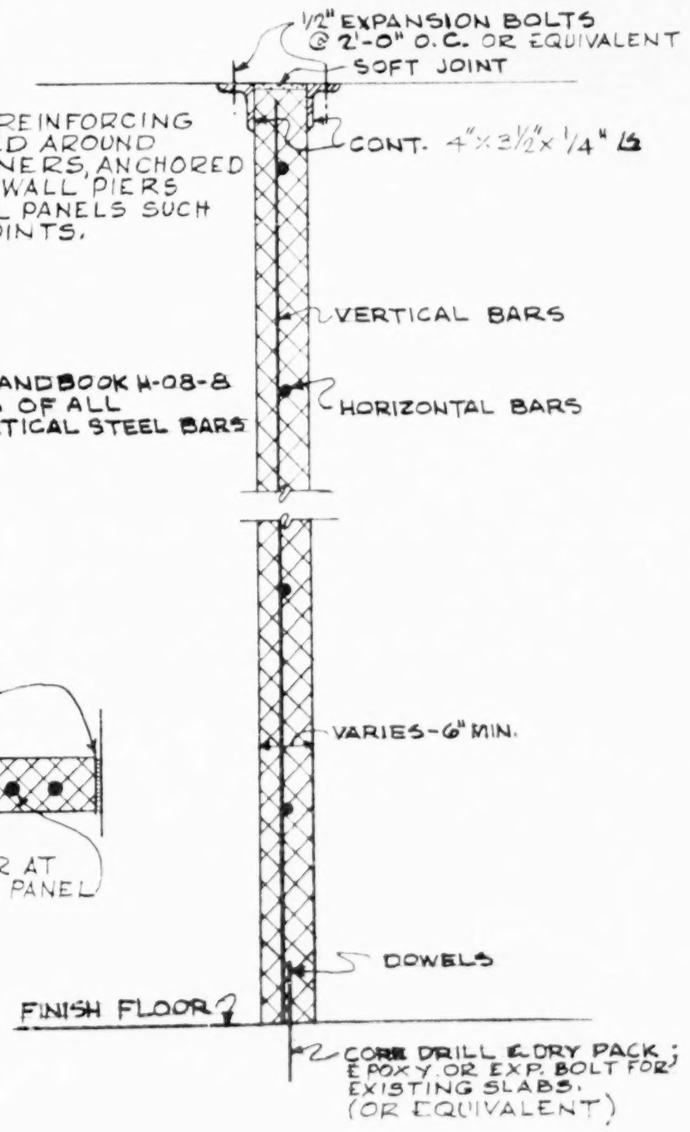


DETAIL "B"

NOTE: ADDITIONAL REINFORCING BARS ARE REQUIRED AROUND OPENINGS, AT CORNERS, ANCHORED INTERSECTIONS IN WALL PIERS AND AT END OF WALL PANELS SUCH AS AT CONTROL JOINTS.

NOTE

SEE V. A. SEISMIC HANDBOOK H-08-8 FOR SIZE & SPACING OF ALL HORIZONTAL & VERTICAL STEEL BARS



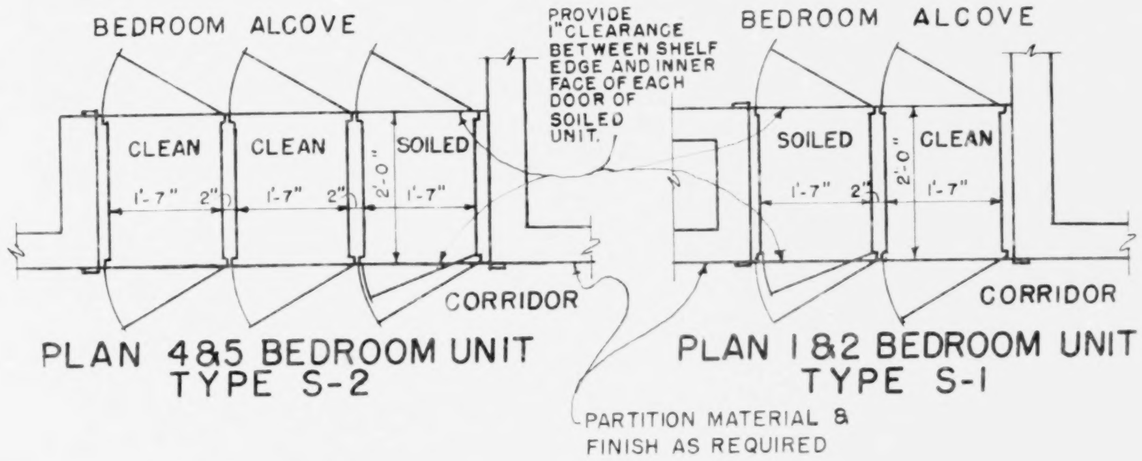
SECTION "A-A"

68A

REINFORCED MASONRY PARTITIONS (FOR SEISMIC FORCES)

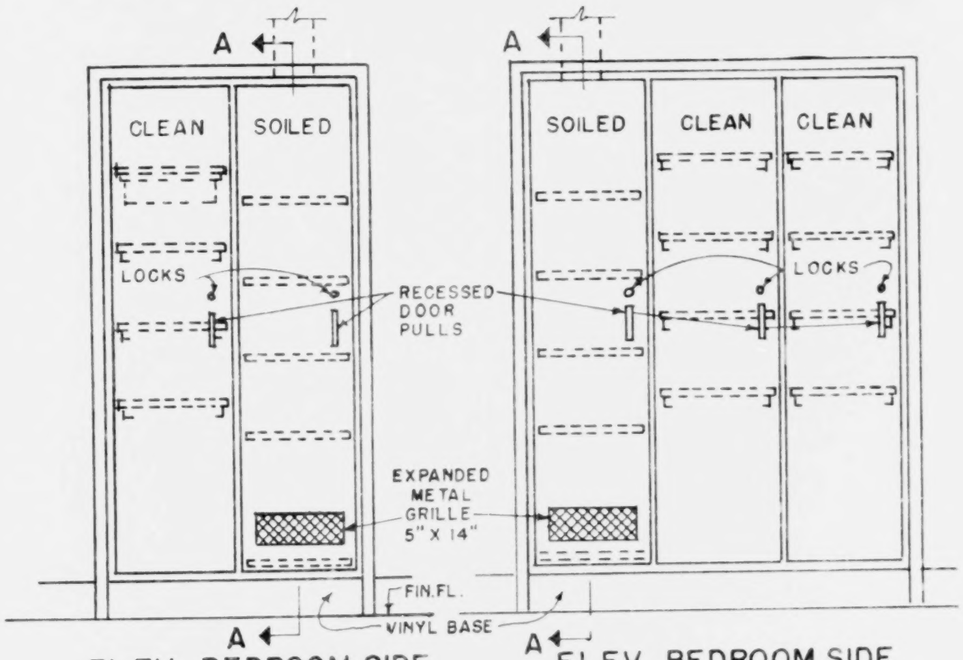
JUNE '75

VA ARCHITECTURAL STANDARD DETAIL



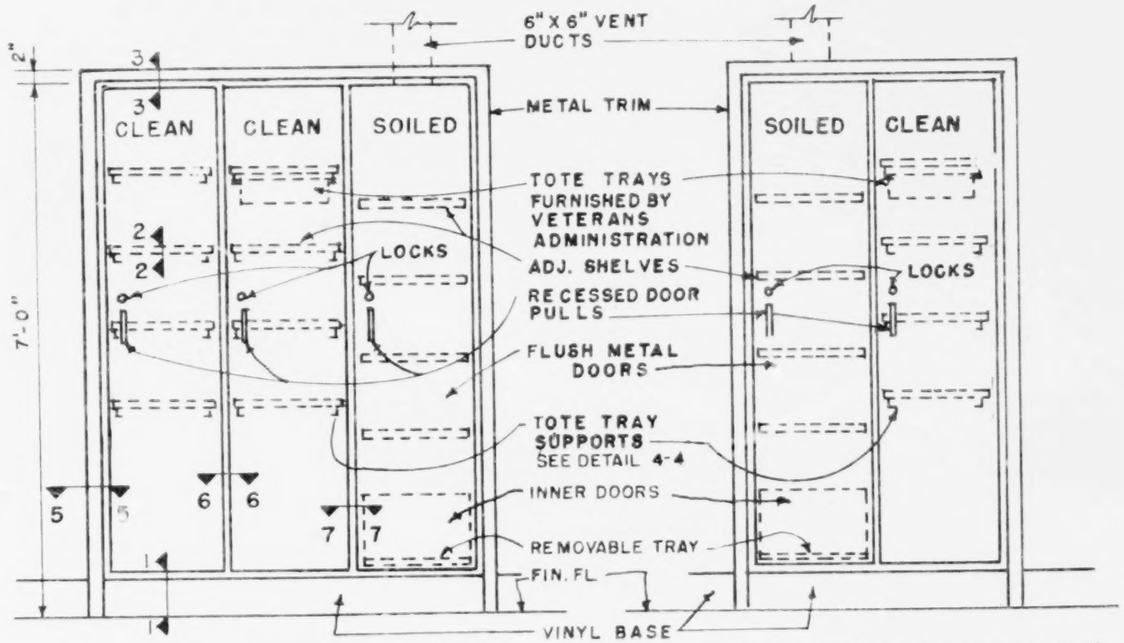
PLAN 4&5 BEDROOM UNIT
TYPE S-2

PLAN 1&2 BEDROOM UNIT
TYPE S-1



ELEV. BEDROOM SIDE
1&2 BEDROOM UNIT
TYPE S-1

ELEV. BEDROOM SIDE
4&5 BEDROOM UNIT
TYPE S-2

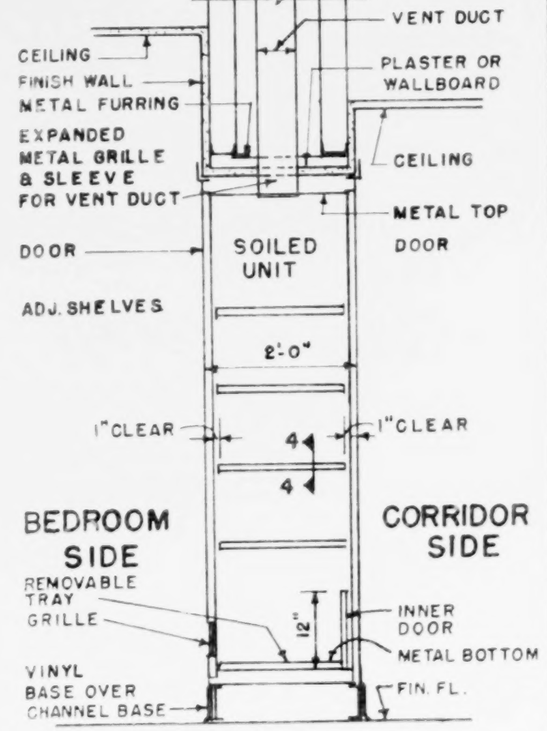


ELEV. CORRIDOR SIDE
4&5 BEDROOM UNIT
TYPE S-2

ELEV. CORRIDOR SIDE
1&2 BEDROOM UNIT
TYPE S-1

NOTE:
DOORS SHALL BE RIGHT OR LEFT HAND SEE PLANS.
SEE DRAWING NO. 70A FOR DETAILS.
SEE MECHANICAL DRAWINGS AND SPECIFICATIONS FOR CONNECTIONS FROM VENTS TO EXHAUST SYSTEM.

NOTE TO ARCHITECT:-
THESE NURSE SERVER UNITS SHALL BE USED AS DESIGNED ONLY IN FULLY SPRINKLERED AREAS OF BUILDINGS WHERE RATED CORRIDOR PARTITIONS ARE NOT REQUIRED.

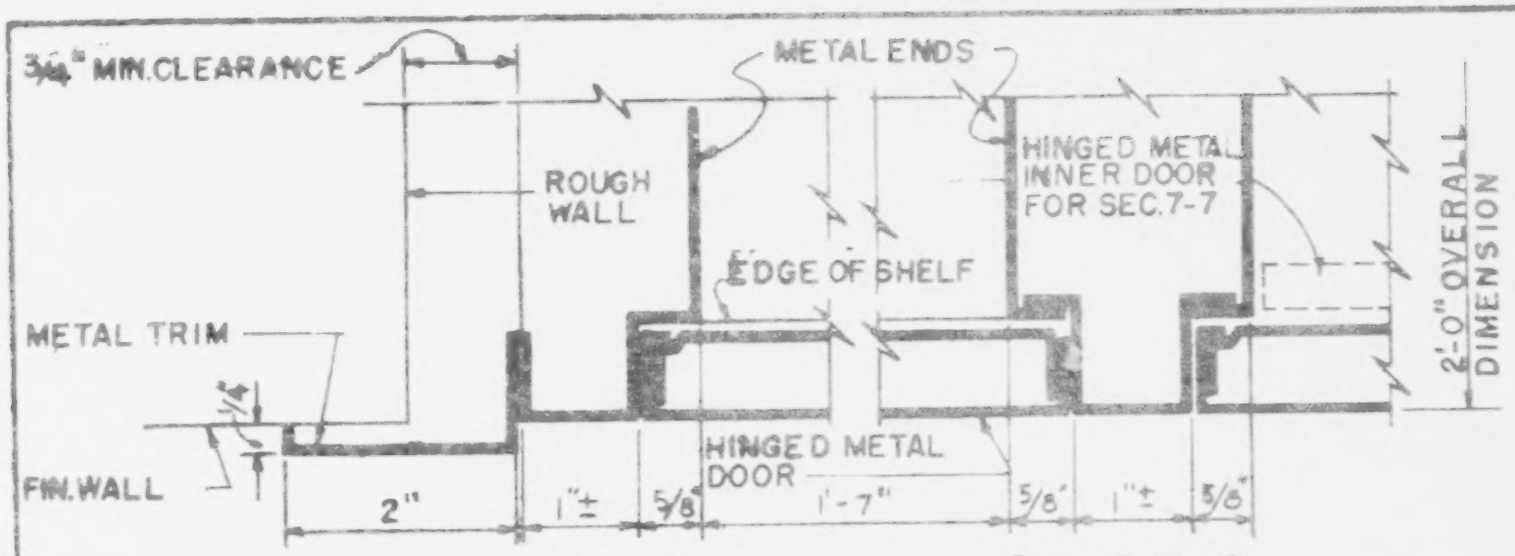


SECTION A A

CABINETS, NURSE SERVER TYPES S1 & S2

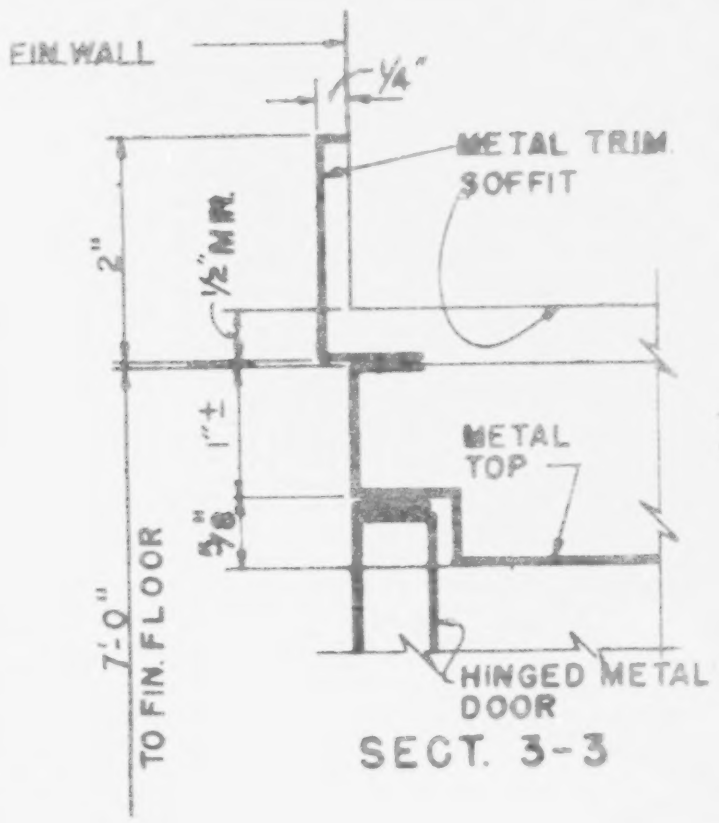
70

APRIL '78

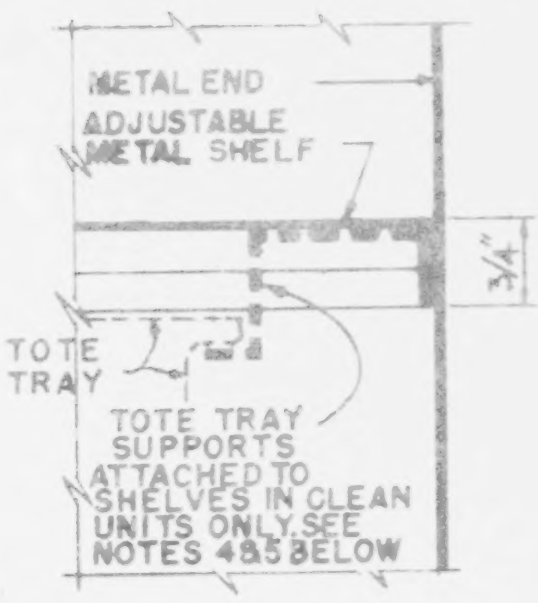


SECT. 5-5

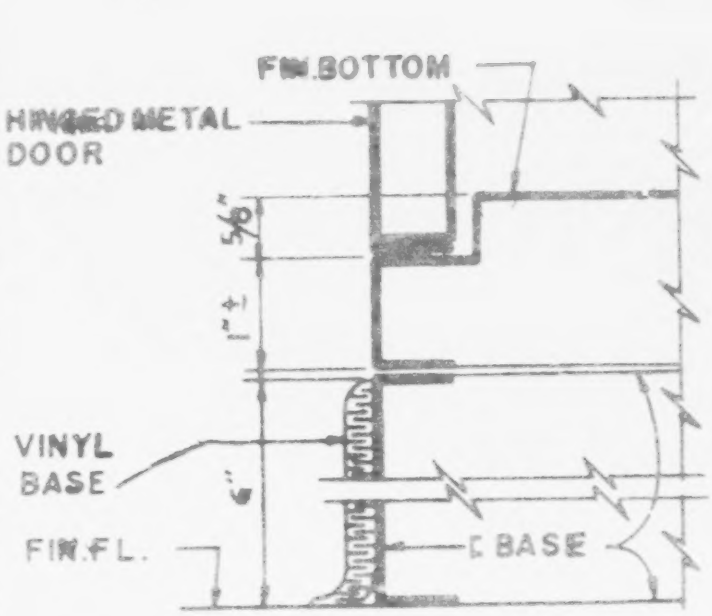
SECT. 6-6
(SECT. 7-7 AS NOTED)



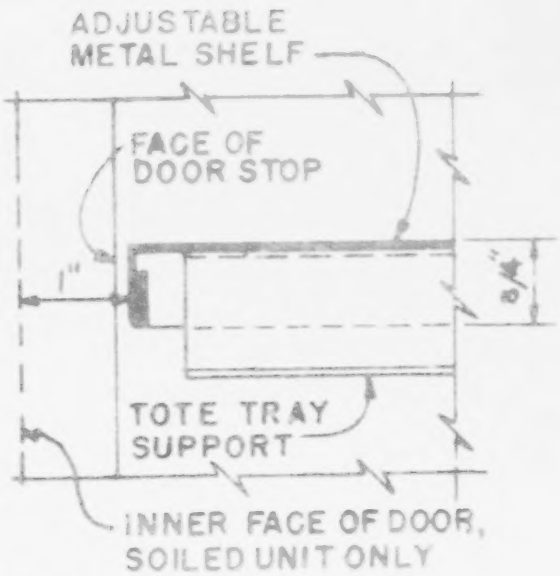
SECT. 3-3



SECT. 4-4



SECT. 1-1



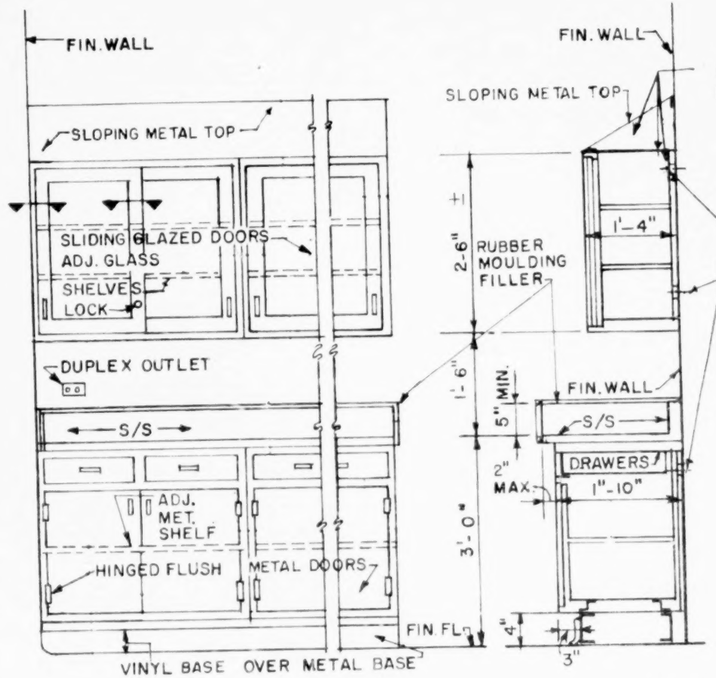
SECT. 2-2
SHOWING TYPICAL FRONT & REAR EDGE OF ADJUSTABLE SHELVES

NOTE:

1. ALL SECTIONS SHOWN APPLY EITHER RIGHT OR LEFT HAND.
2. REINFORCE FOR HARDWARE WHERE REQUIRED.
3. REFER TO SPECIFICATIONS FOR METAL GAGES.
4. TOTE TRAYS WILL BE SUPPLIED BY VETERANS ADMINISTRATION.
5. NURSE SERVER MANUFACTURER SHALL LOCATE TOTE TRAY SUPPORTS IN ACCORDANCE WITH TOTE TRAY MANUFACTURER'S TEMPLATE.
6. SEE SECT. A-A ON STANDARD DETAIL # 70

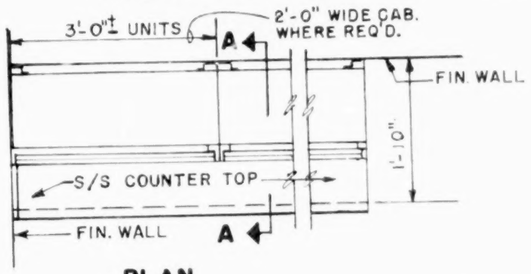
CABINETS, NURSE SERVER TYPES S-1 & S-2, DETAILS

70A



ELEVATION

SECTION "A-A"



PLAN

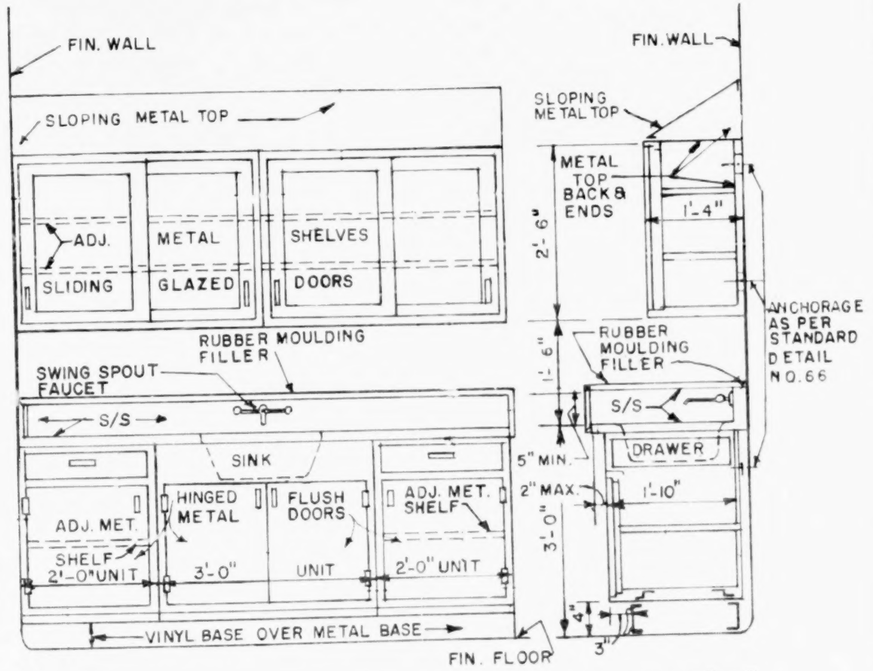
CABINET ASSEMBLY TYPE IA
(BASE CABINET IA/B)
(WALL CABINET IA/W)

CABINET IA/W

CABINET IB/W

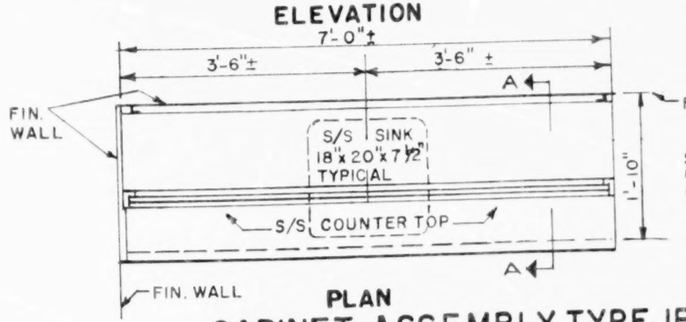
CABINET IA/B

CABINET IB/B



ELEVATION

SECTION "A-A"



PLAN

SINK IN CABINETS IN OCCUPATIONAL THERAPY CLINICS TO HAVE REMOVABLE STRAINERS.

CABINET ASSEMBLY TYPE IB
(BASE CABINET IB/B)
(WALL CABINET IB/W)

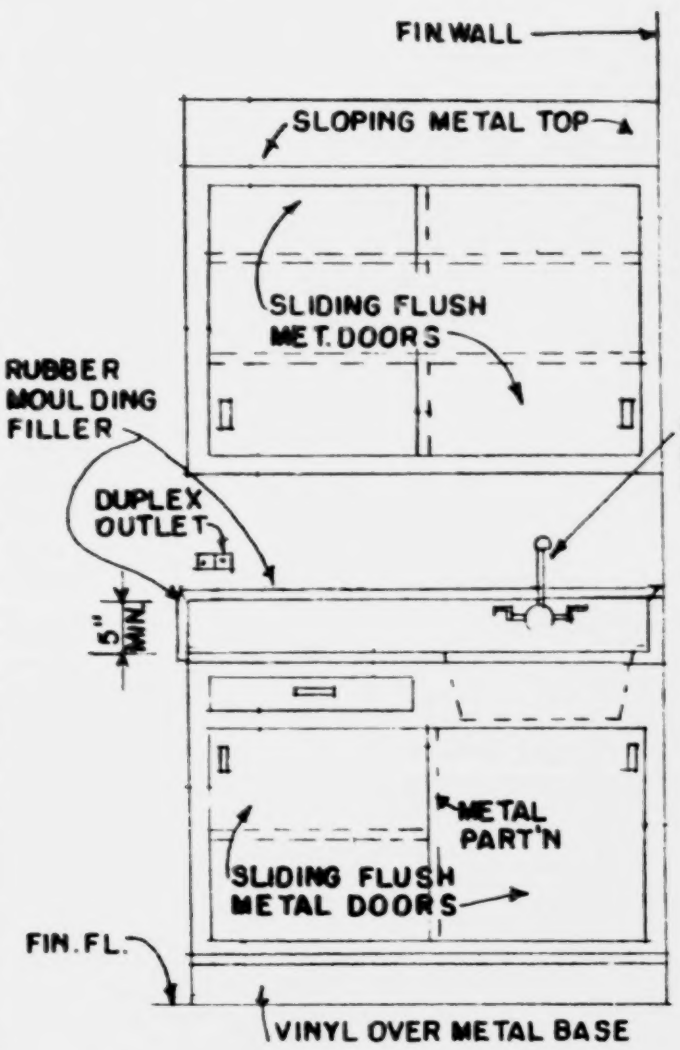
NOTES:

1. CONTRACTOR SHALL PROVIDE SHOP DRAWINGS.

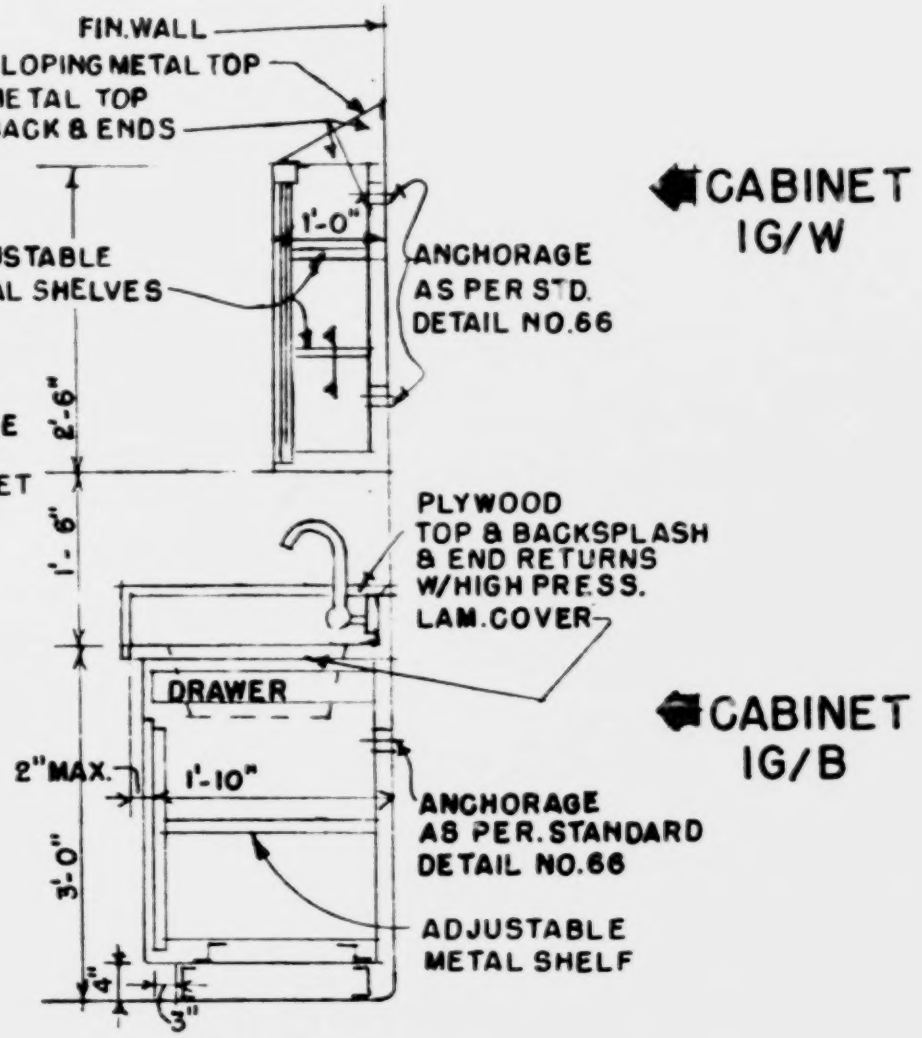
CABINET ASSEMBLY TYPES IA & IB

70B

JUNE '78



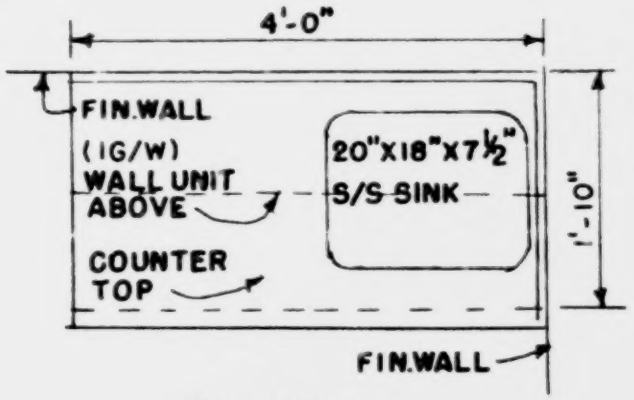
ELEVATION



CABINET IG/W

CABINET IG/B

SECTION



PLAN

(BASE CABINET IG/B)
(WALL CABINET IG/W)

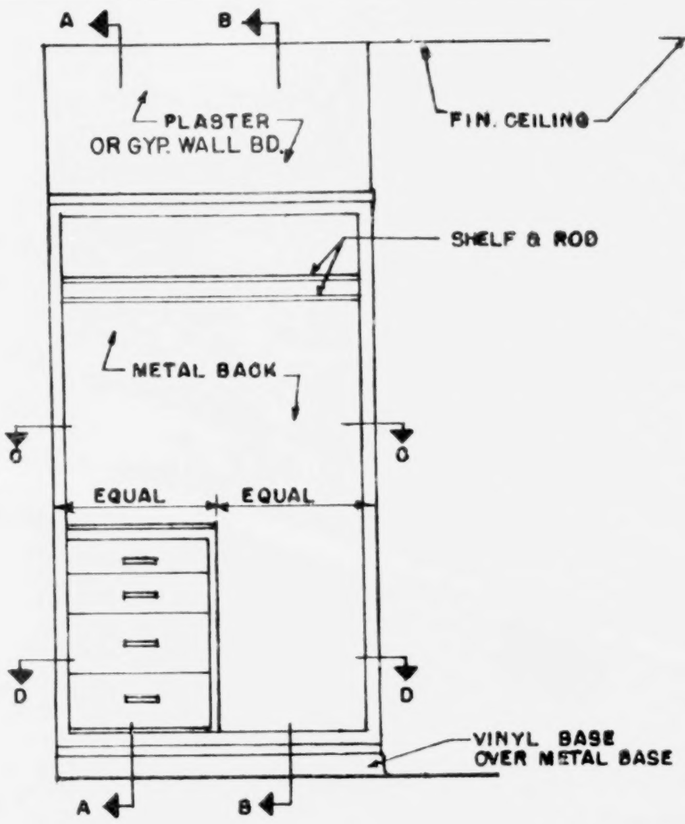
NOTE: CONTRACTOR SHALL PROVIDE SHOP DWGS.

REVISED 6/82

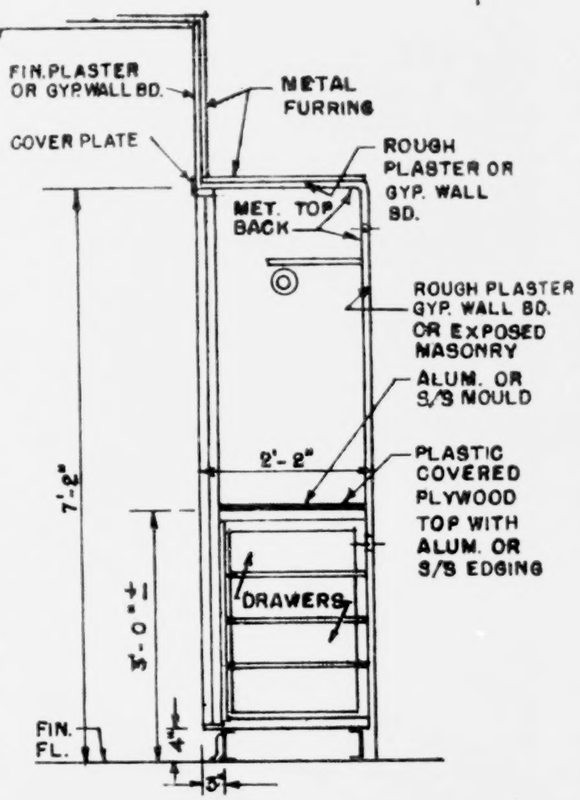
CABINET ASSEMBLY TYPE IG

70C

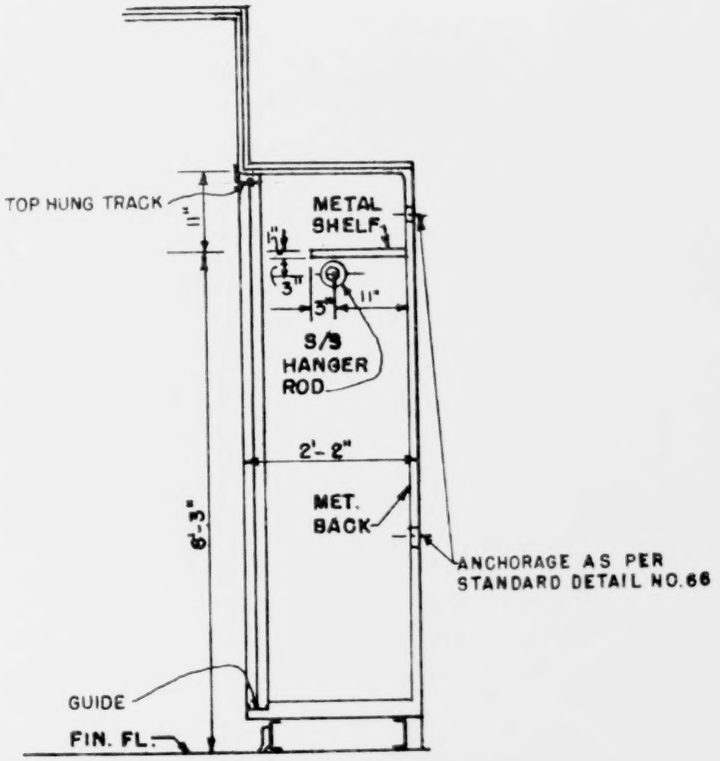
MAR-H'78



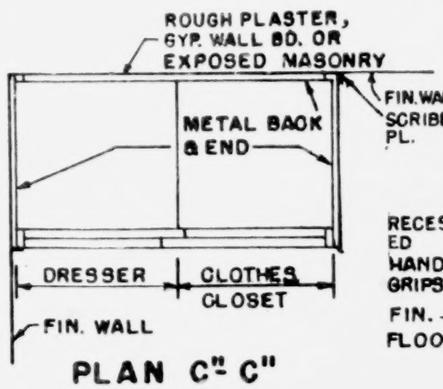
ELEVATION
(WITH DOORS REMOVED)



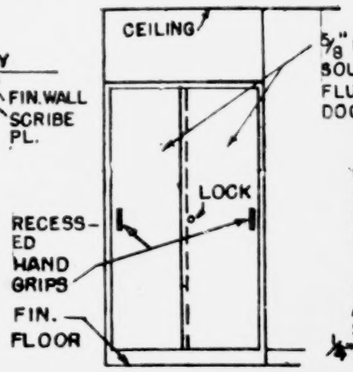
SECTION "A-A"



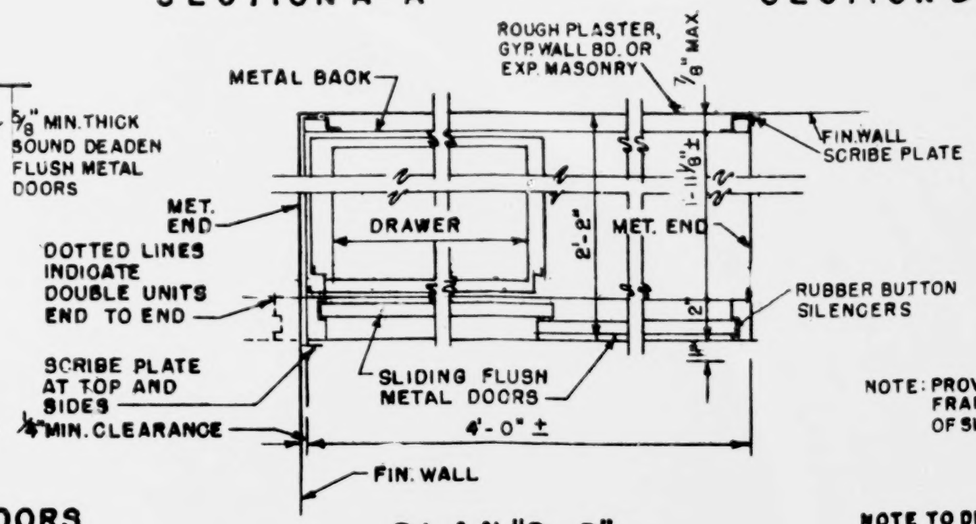
SECTION "B-B"



PLAN C-C



ELEV. OF
SLIDING DOORS



PLAN "D-D"

NOTE: PROVIDE RESILIENT BUMPERS IN JAMB FRAMES TO INSURE QUIET OPERATION OF SLIDING DOORS.

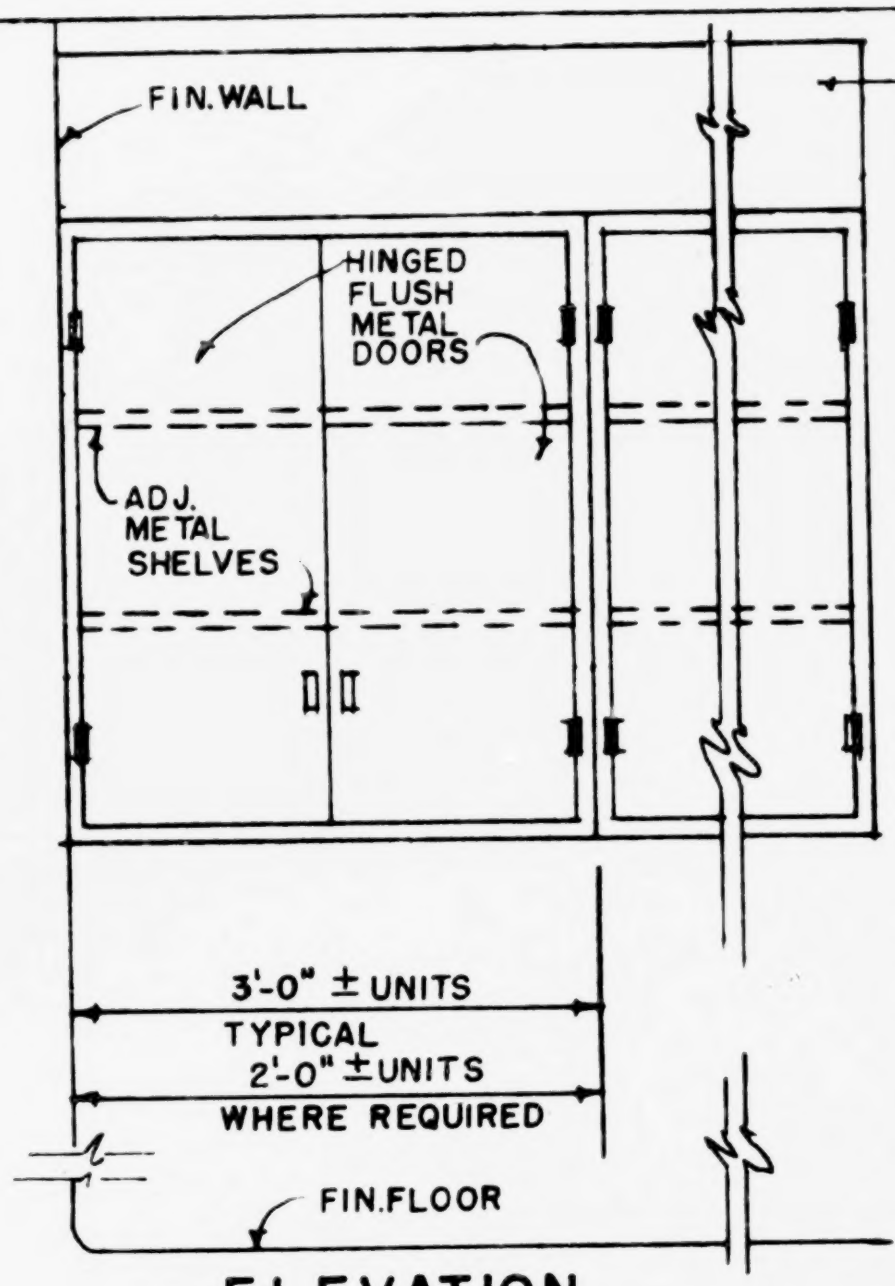
NOTE TO DRAFTSMAN: FOR ANCHORAGE TO WALL, SEE STANDARD DETAIL NO. 66

NOTES
1. SEE ARCHITECTURAL PLANS FOR ACTUAL ARRANGEMENT.
2. CONTRACTOR TO PROVIDE SHOP DRAWINGS.

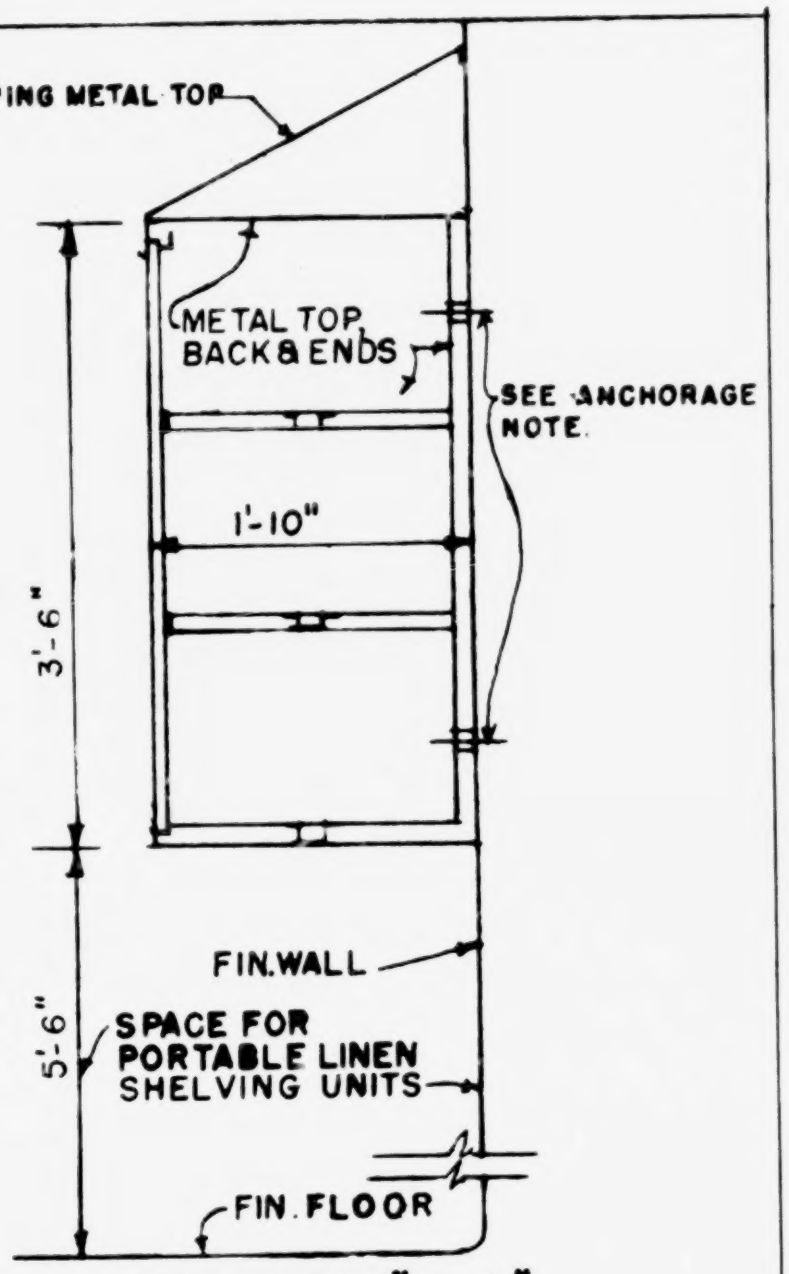
CABINET TYPE 5A (WARDROBE)

70D

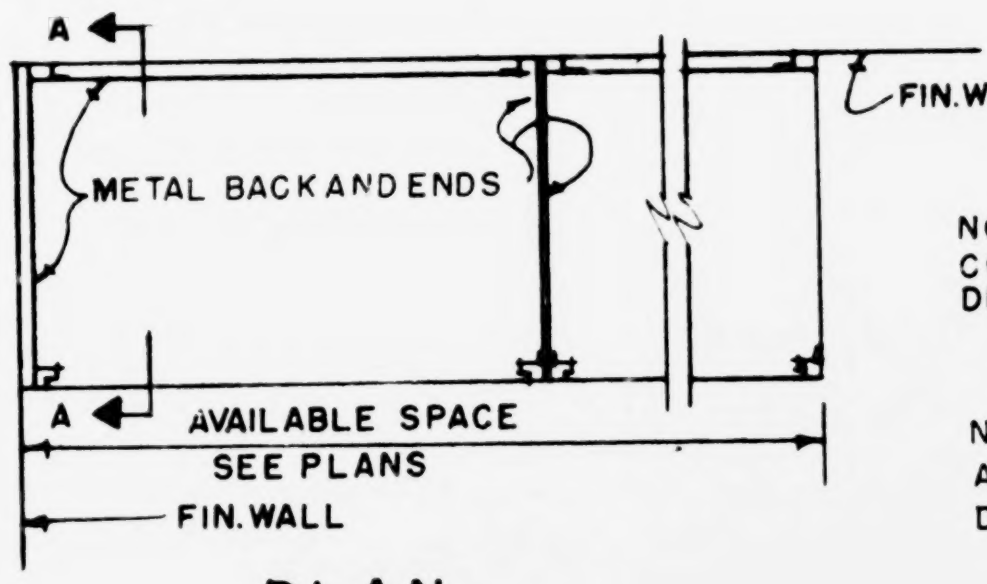
JUNE '76



ELEVATION



SECTION "A-A"



PLAN

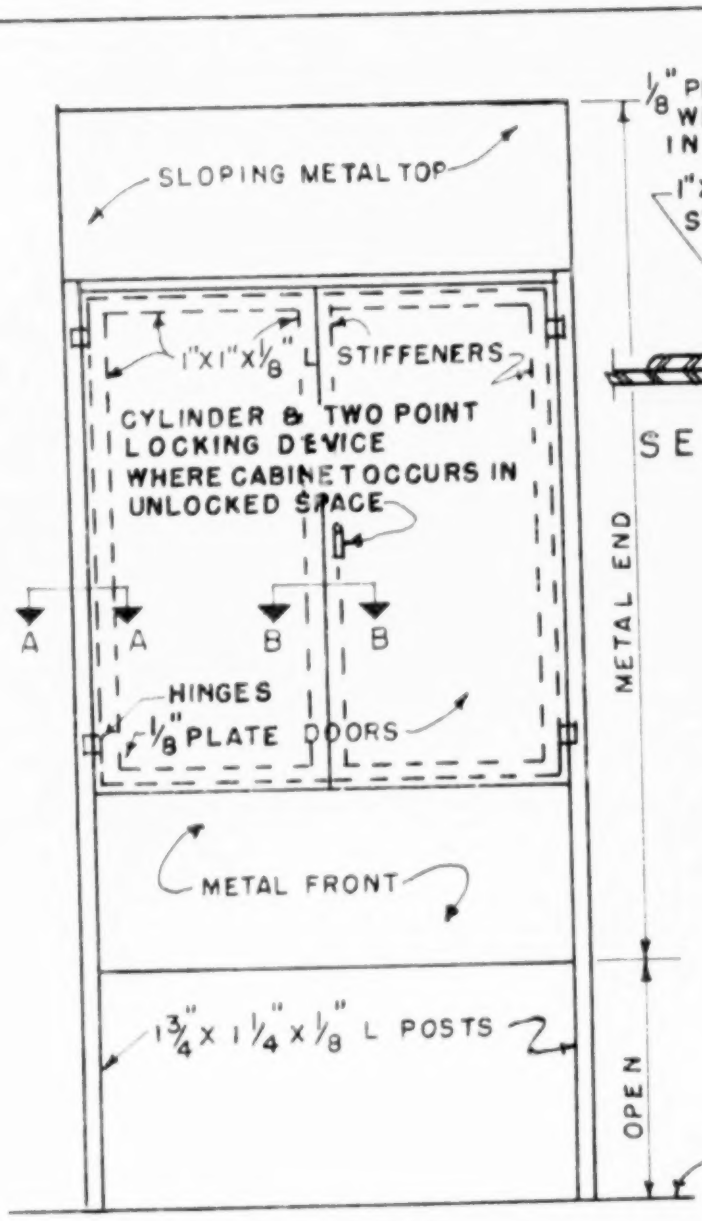
NOTE:
CONTRACTOR SHALL PROVIDE SHOP DRAWINGS.

NOTE TO DRAFTSMAN: FOR ANCHORAGE TO WALL, SEE STANDARD DETAIL NO. 66

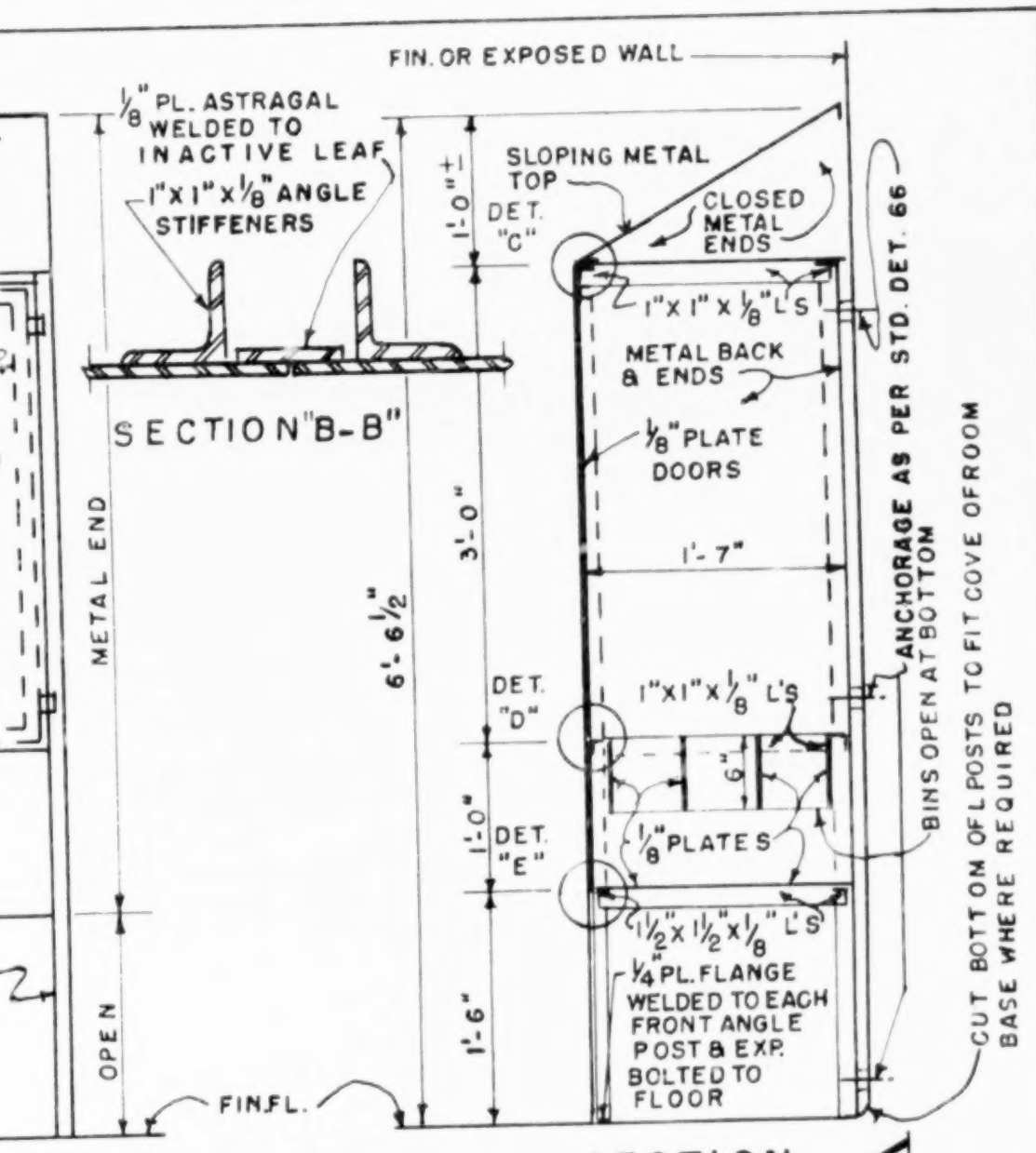
CABINET TYPE 5B

DEC' 74

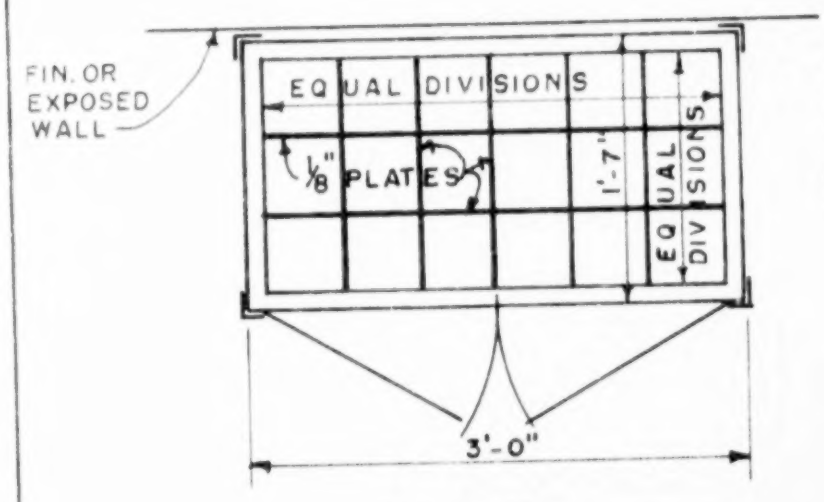
70 E



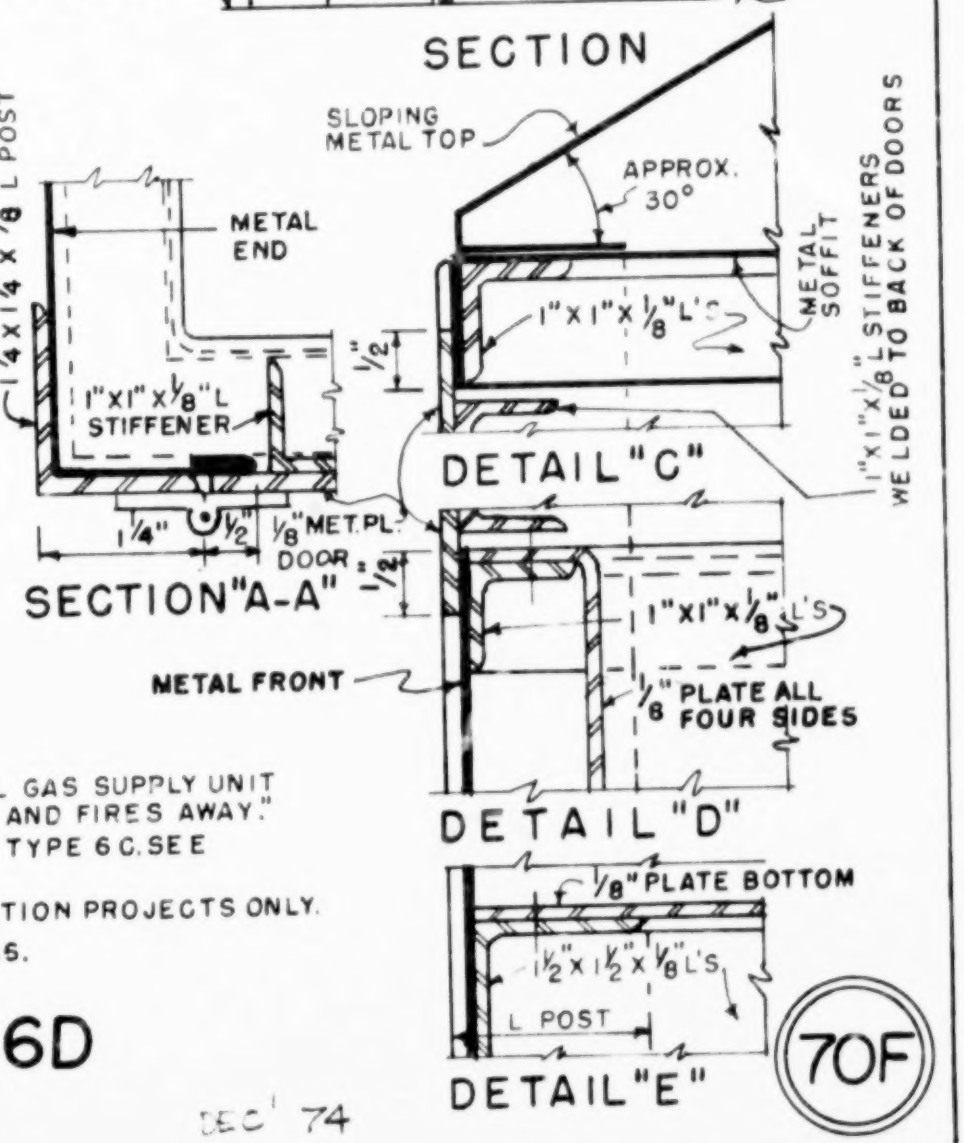
ELEVATION



SECTION



PLAN

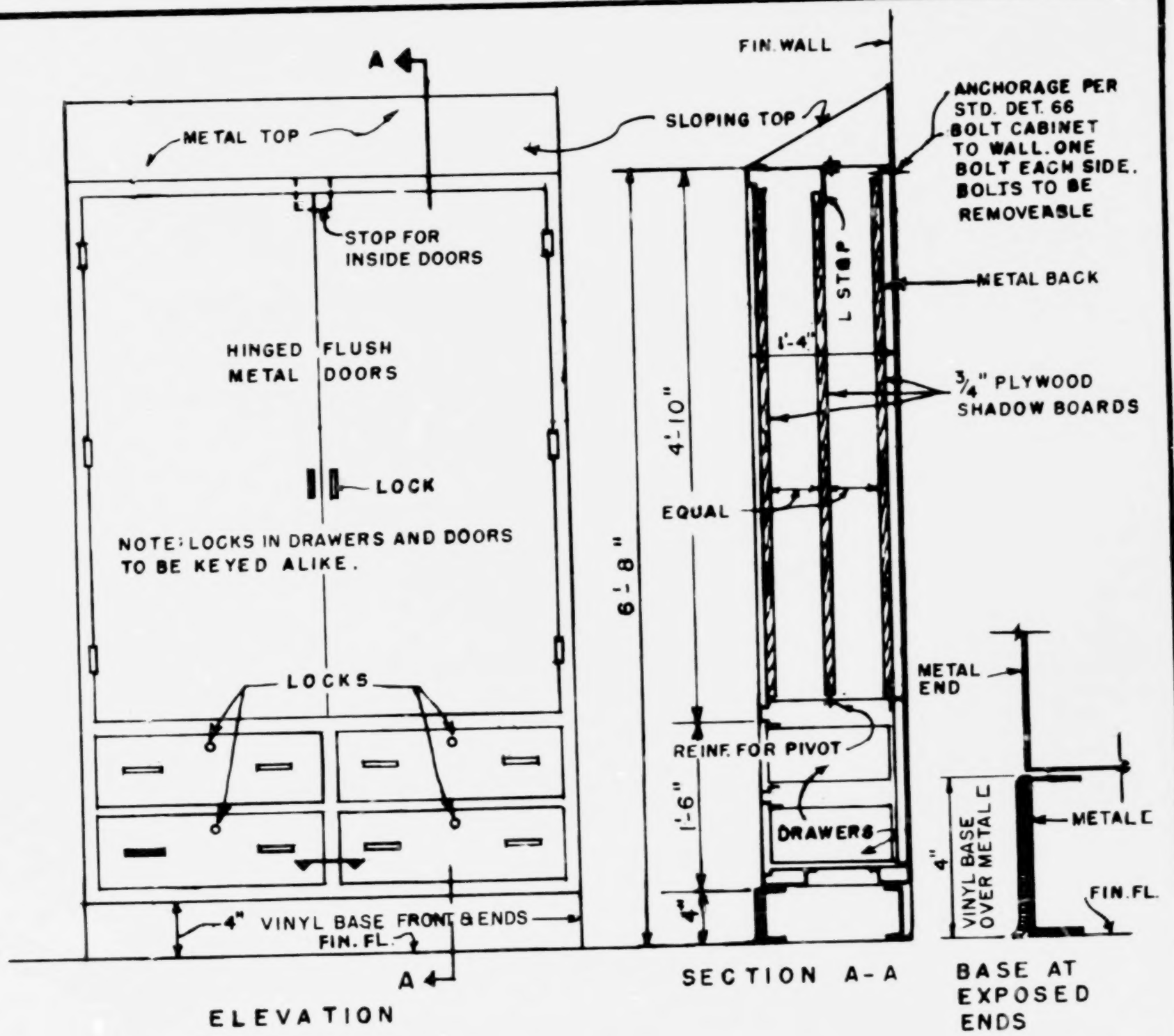


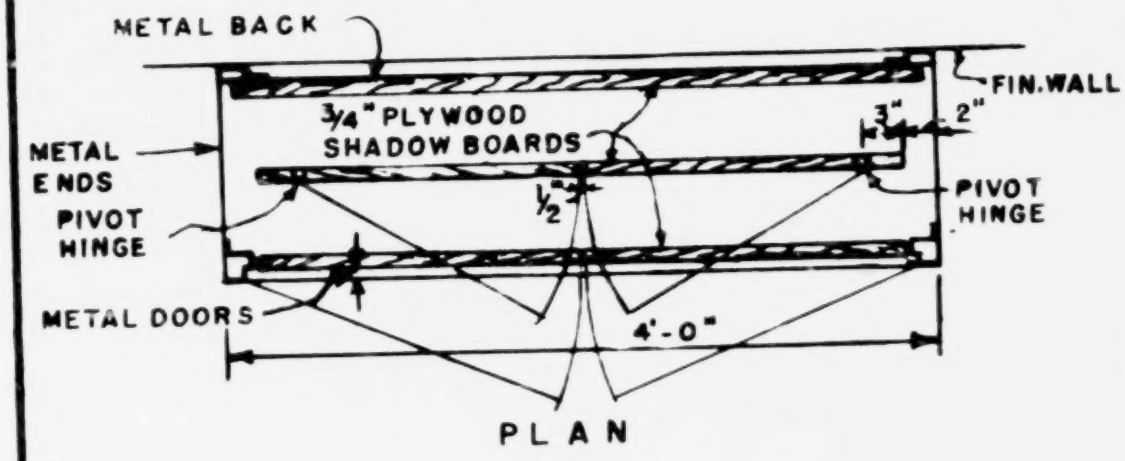
NOTE: CONSTRUCTION SHALL BE OF WELDED ASSEMBLY.
PAINT THE FOLLOWING LETTERING ON DOORS: "SURGICAL GAS SUPPLY UNIT FOR OXIDIZING AND INERT GASES ONLY. KEEP LIGHTS AND FIRES AWAY."
CABINET SHALL BE GROUNDED SIMILAR TO SHELVING TYPE 6C. SEE SHEET 60B.
THIS CABINET TO BE USED WHERE REQUIRED IN ALTERATION PROJECTS ONLY.
FOR ANCHORAGE TO WALL, SEE STANDARD DETAIL NO. 66.

CABINET TYPE 6D
(OXIDIZING GAS SUPPLY)

DEC' 74

70F





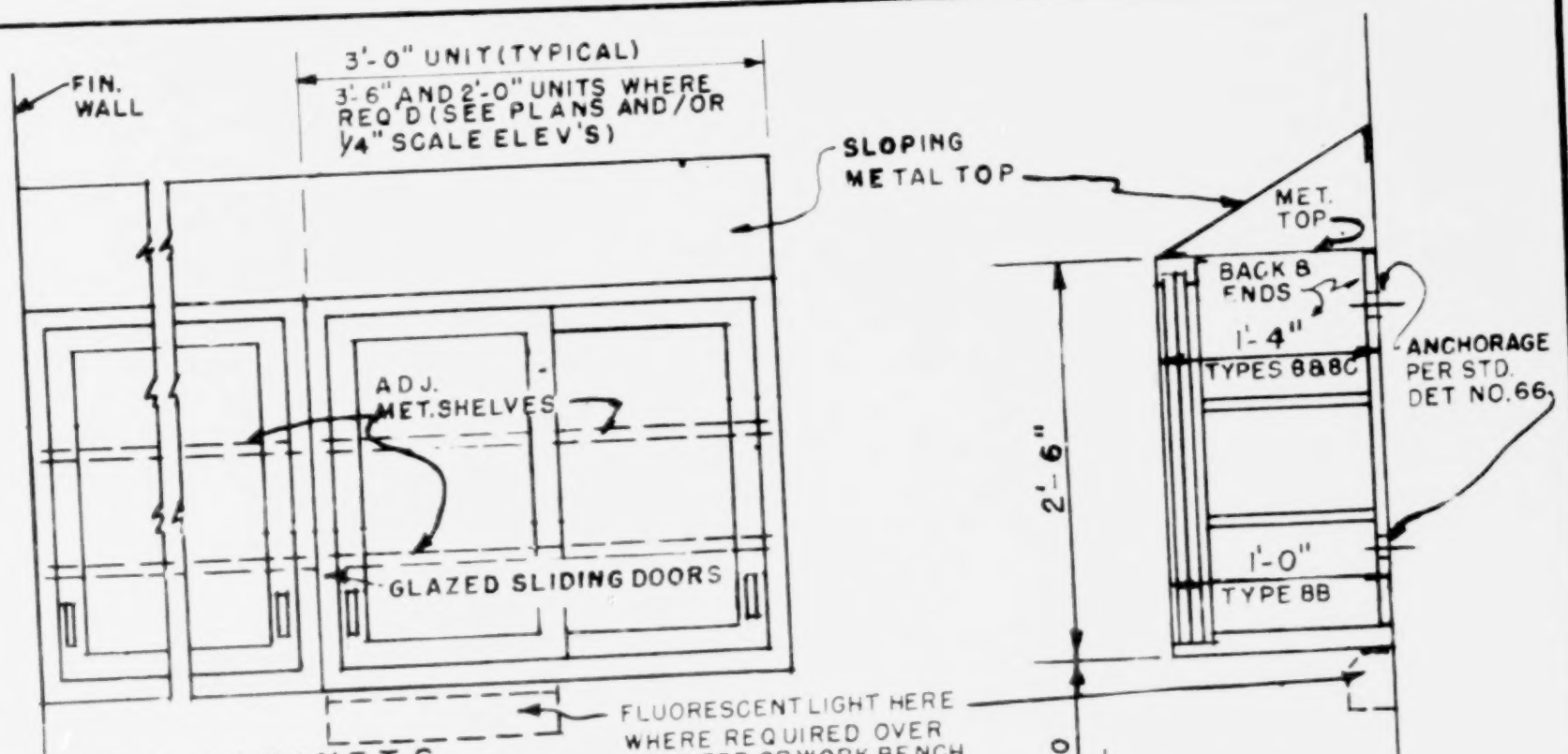
ELEVATION OF WOOD LINING AT BACK OF CABINET

NOTE:
CONTRACTOR SHALL PROVIDE SHOP DRAWINGS.

CABINET TYPE 8-A (TOOL) 70G

JAN. 76

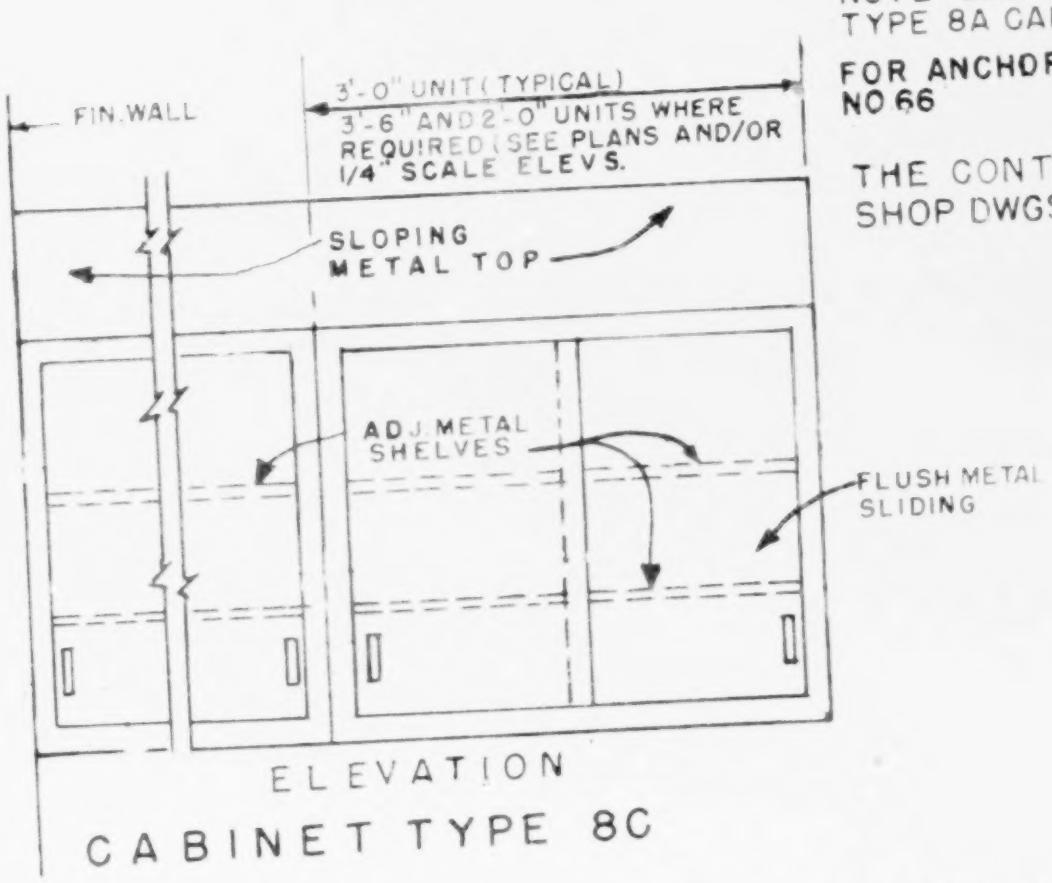
VA ARCHITECTURAL STANDARD DETAIL



NOTE: SEE STD. DET. NO. 70G FOR TYPE 8A CABINET.

FOR ANCHORAGE TO WALL, SEE STD. DETAIL NO 66

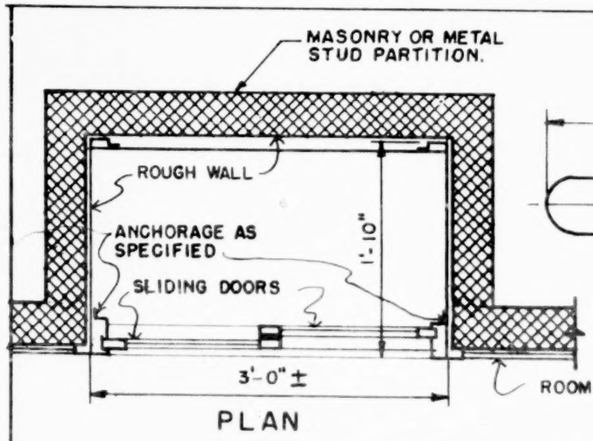
THE CONTRACTOR SHALL PROVIDE SHOP DWGS.



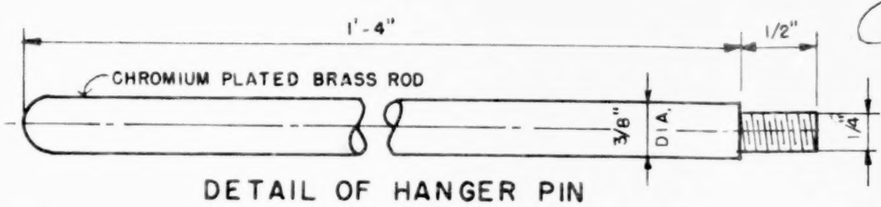
CABINETS TYPES 8, 8B & 8C

70H

VA ARCHITECTURAL SYMBOLS DETAIL

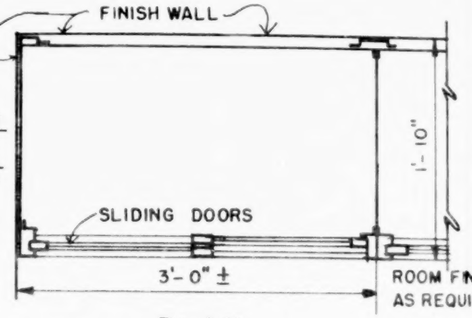


PLAN

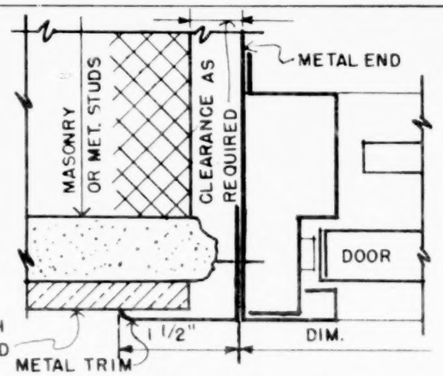


DETAIL OF HANGER PIN

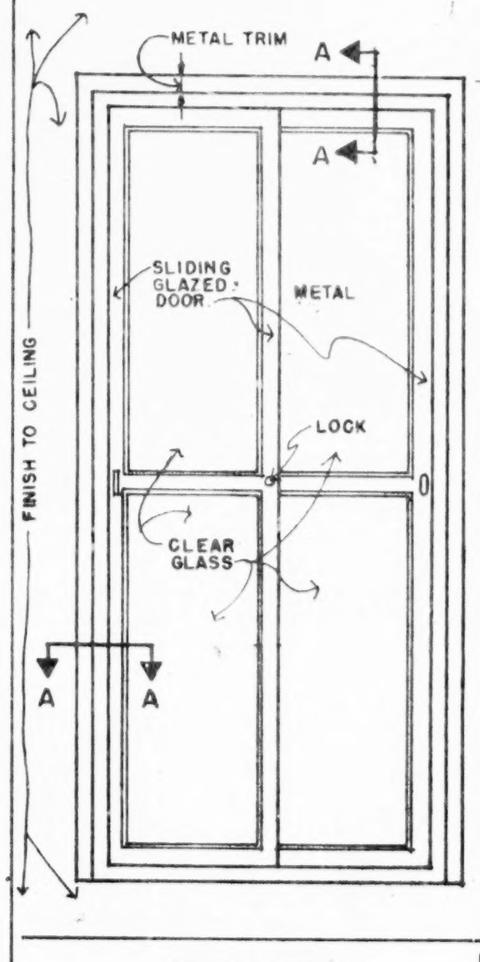
NOTE TO DRAFTSMAN: FOR ANCHORAGE TO WALL, SEE STANDARD DETAIL NO. 66.
MASONRY CONSTRUCTION IS SHOWN ON THIS DETAIL, HOWEVER METAL STUD CONSTRUCTION MAY BE USED.



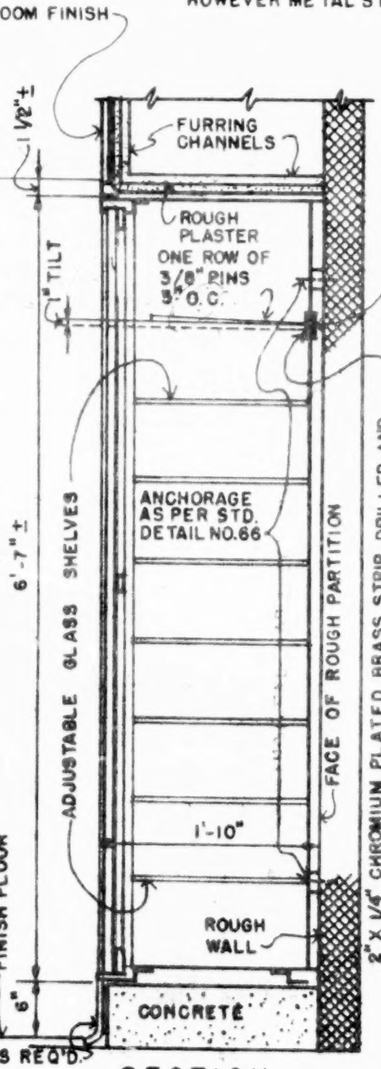
PLAN



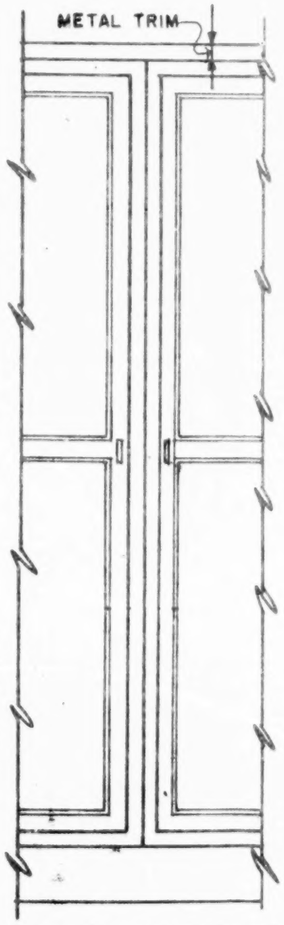
SECTION A-A



ELEVATION

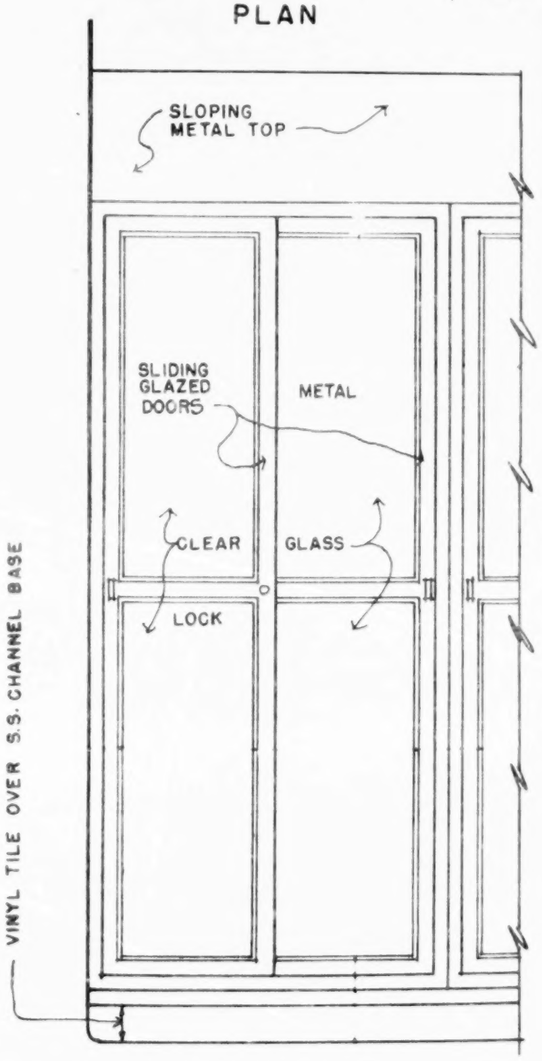


SECTION

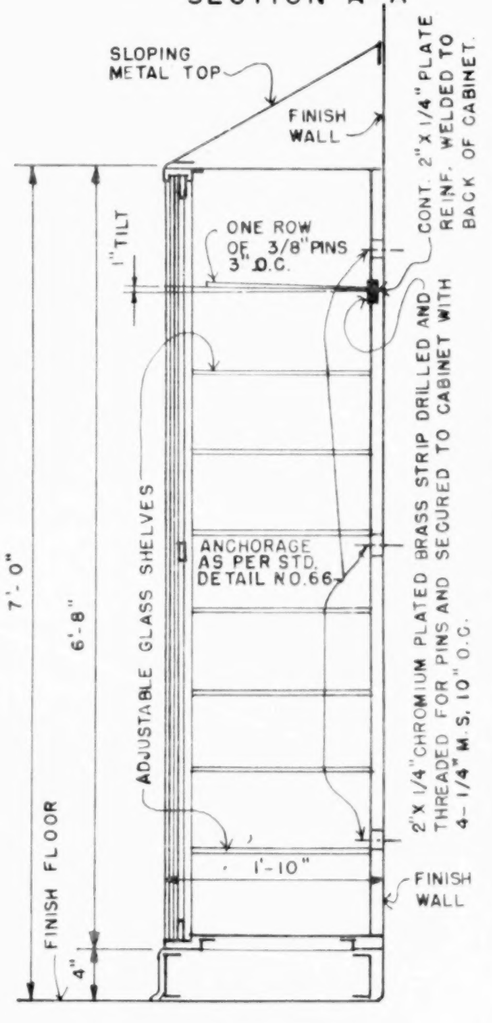


ELEVATION AT CENTER OF DOUBLE CABINET

CABINET TYPE II-A (WITHIN OPERATING ROOMS)



ELEVATION



SECTION

CABINET TYPE II-A (OUTSIDE OF OPERATING ROOMS)

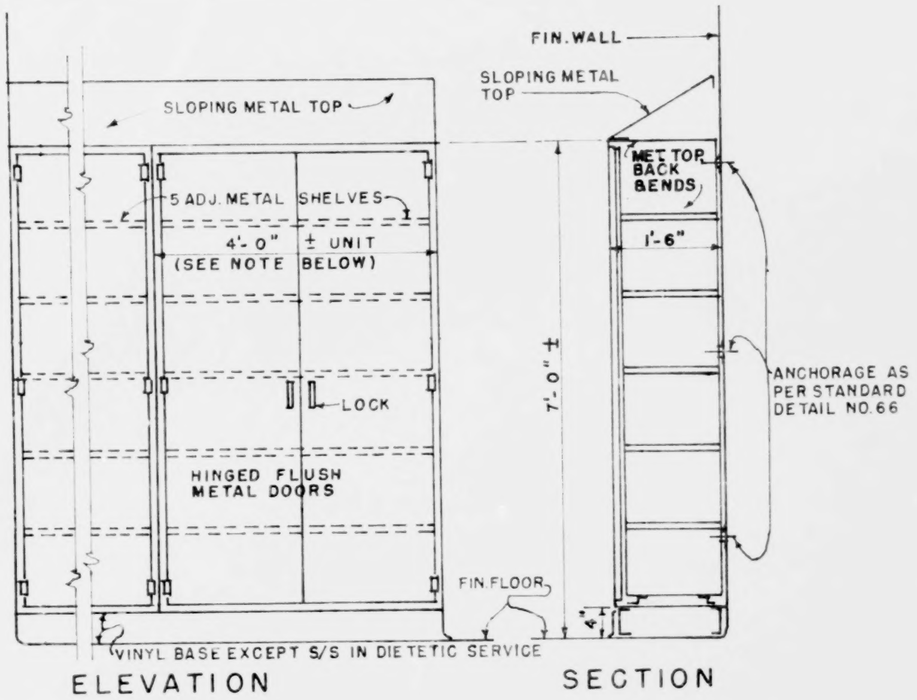
CABINET TYPE IIA (INSTRUMENT)

(FOR ALTERATION PROJECTS ONLY)

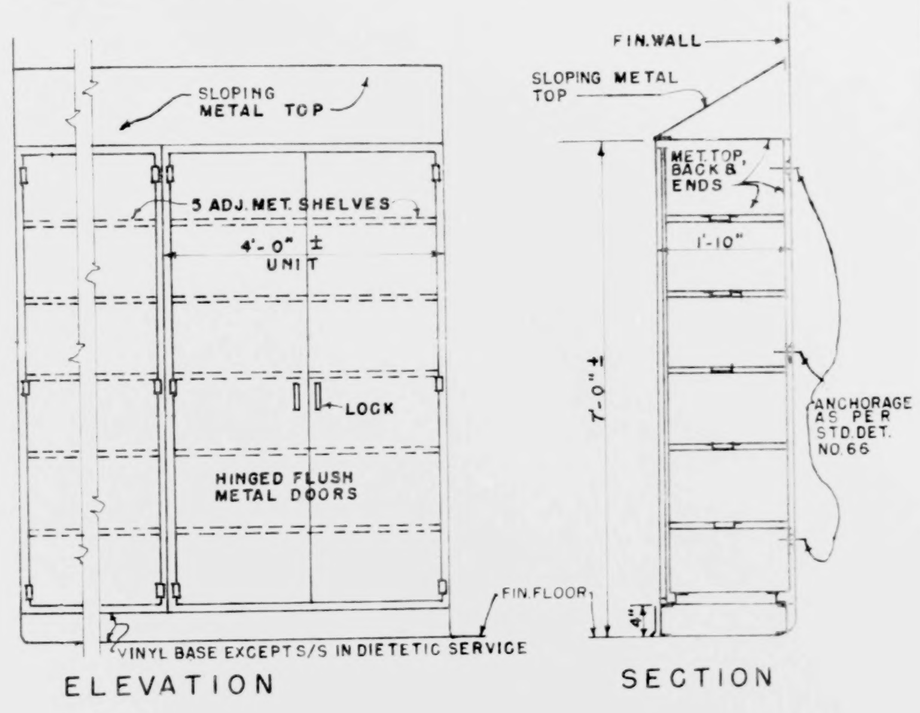
DEC 74

70J

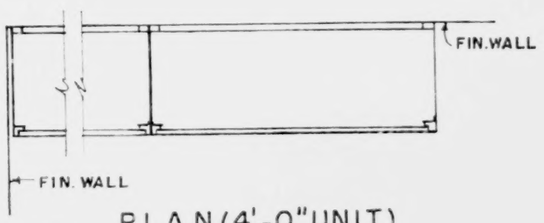
NOTES:
1. CABINET TYPE IIA NOT REQUIRED IN NEW HOSPITAL BUILDINGS
2. WHERE CABINET TYPE IIA OCCURS WITHIN OPERATING SUITE, IT SHALL BE OF S/S CHANNEL BASE AND S/S SLOPING TOP.
3. CONTRACTOR SHALL PROVIDE SHOP DWGS.



ELEVATION SECTION

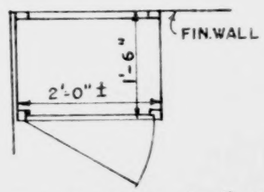


ELEVATION SECTION

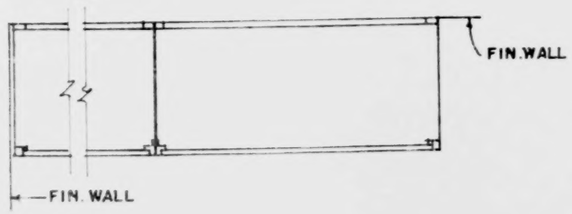


PLAN (4'-0" UNIT)

NOTE:
4'-0" UNITS ARE TYPICAL FOR TYPE 13.
3'-0" OR 2'-0" UNITS MAY BE USED WHERE REQUIRED (SEE PLANS)



PLAN (2'-0" UNIT)



PLAN

CABINET TYPE 13

CABINET TYPE 14

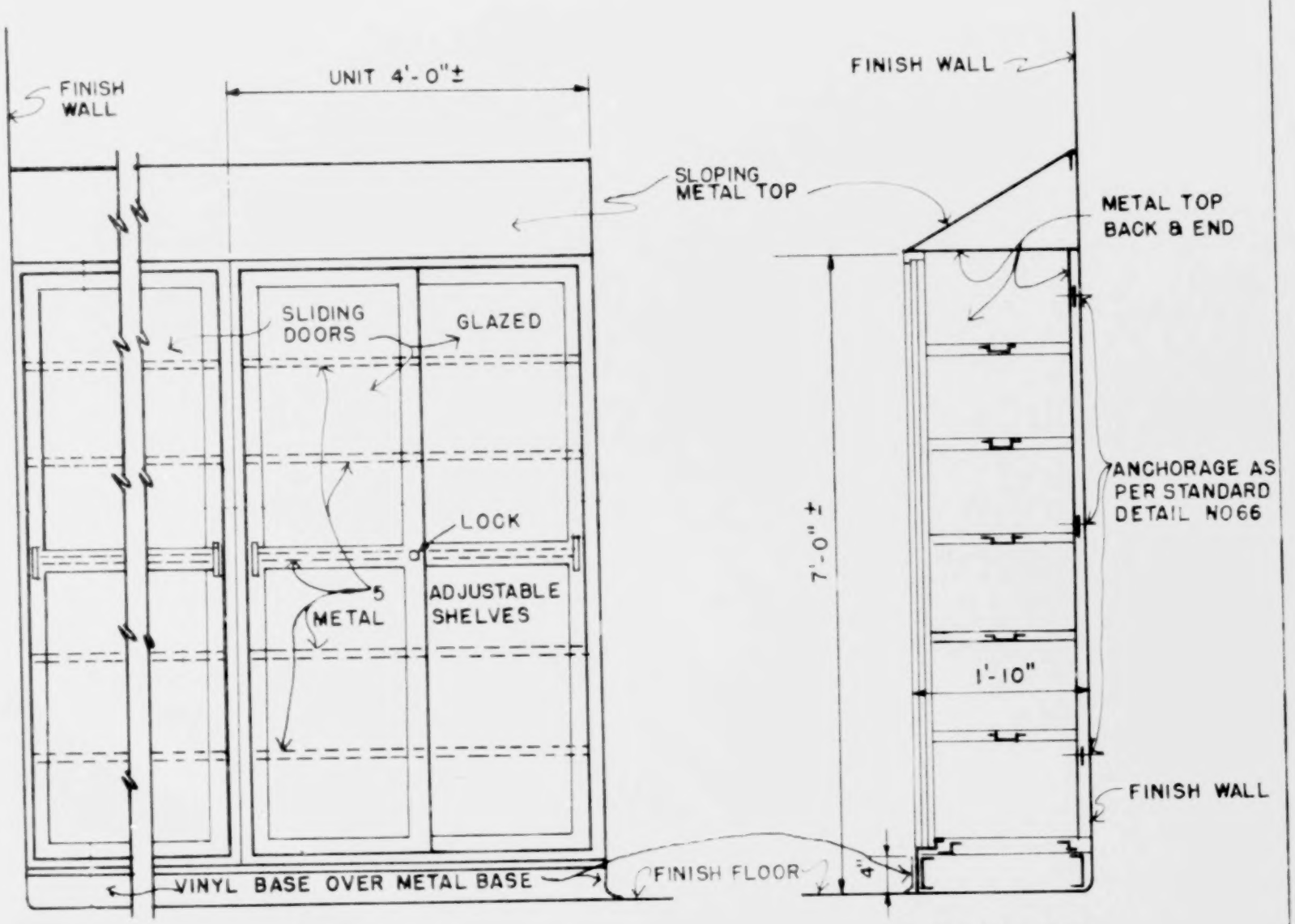
NOTE:
WHERE CABINET TYPE 13 OCCURS IN DIETETIC SERVICE IT SHALL BE S/S, 3'-0" WIDE, WITH S/S SHELVES, S/S SLOPING TOP AND VINYL OVER S/S CHANNEL BASE. CONTRACTOR SHALL PROVIDE SHOP DWGS.

NOTE TO DRAFTSMAN: FOR ANCHORAGE TO WALL, SEE STANDARD DETAIL NO. 66

CABINETS TYPES 13 & 14

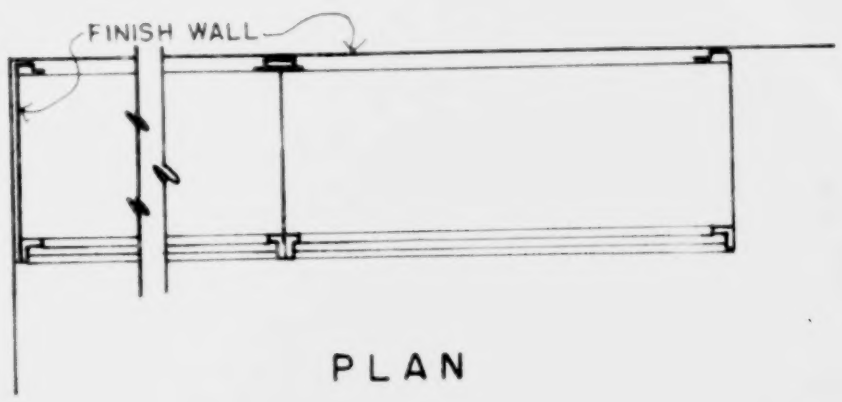
DEC. '74

70 K



ELEVATION

SECTION



PLAN

NOTE:
FOR ANCHORAGE TO WALL, SEE STANDARD DETAIL NO. 66.

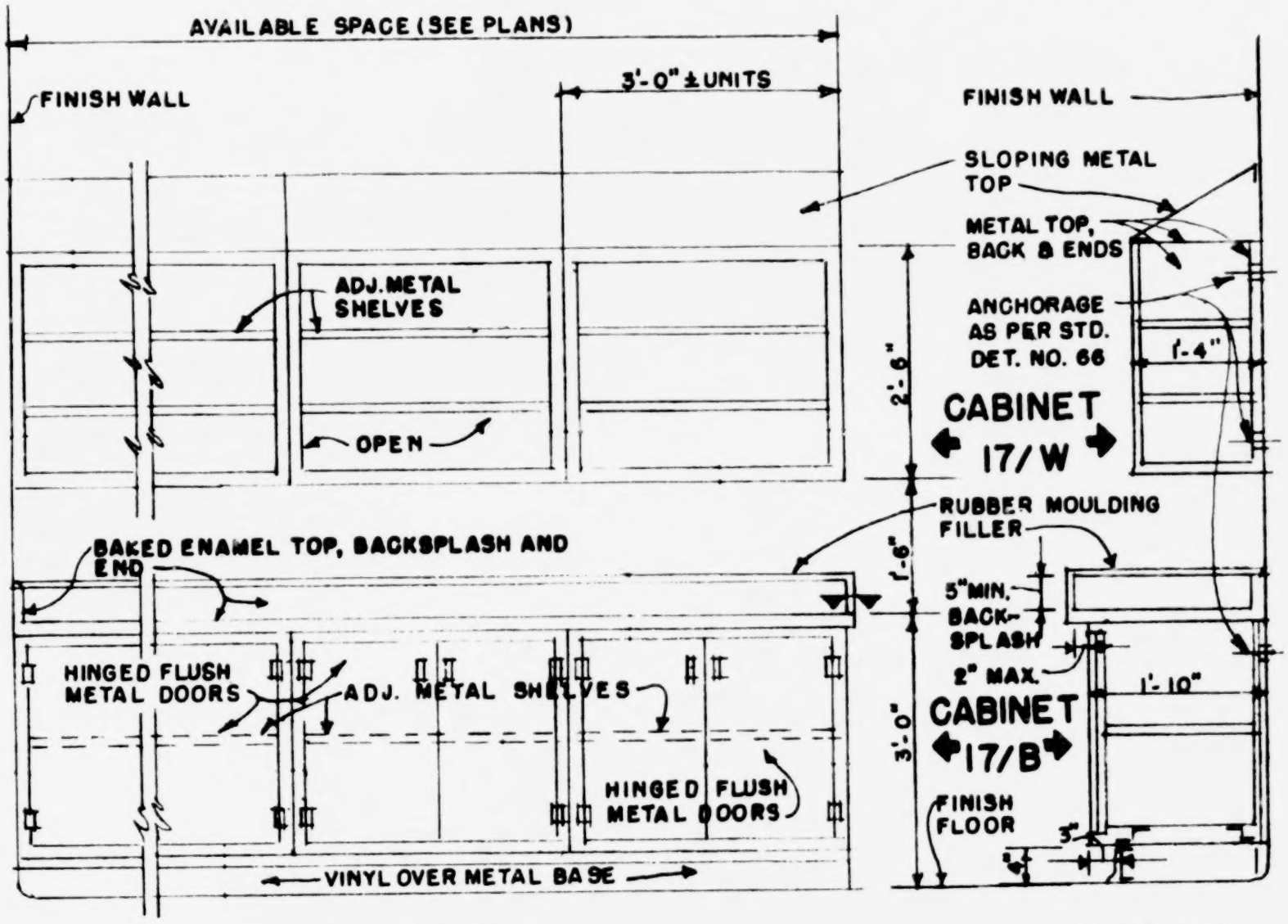
WHERE THIS CABINET OCCURS WITHIN OPERATING SUITE, IT SHALL BE OF S/S WITH VINYL BASE OVER S/S BASE.

CONTRACTOR SHALL PROVIDE SHOP DRAWINGS.

CABINET TYPE 14A

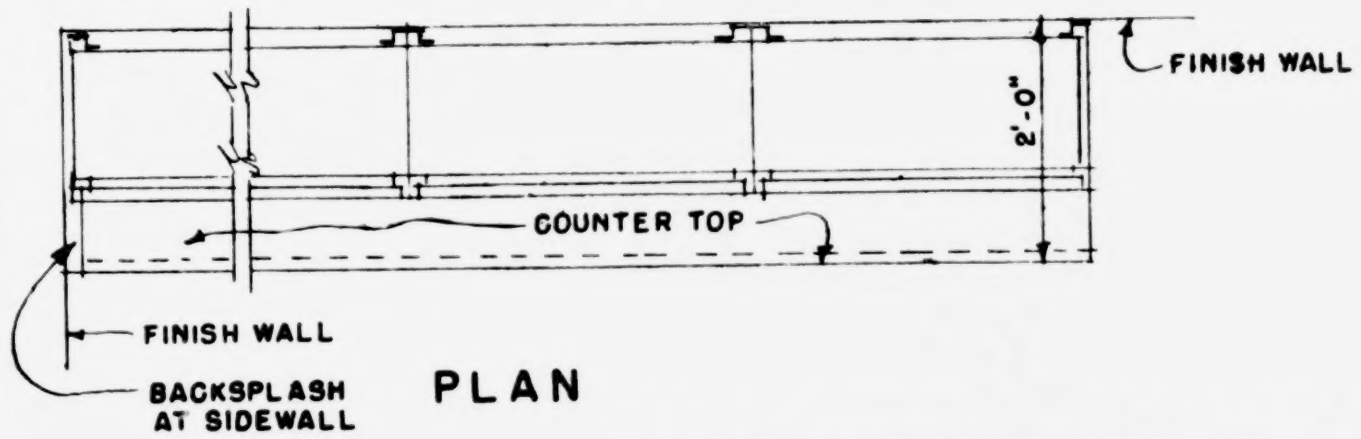
DEC' 74

70 L



ELEVATION

SECTION



PLAN

CABINET ASSEMBLY TYPE 17
(BASE CABINET 17/B)
(WALL CABINET 17/W)

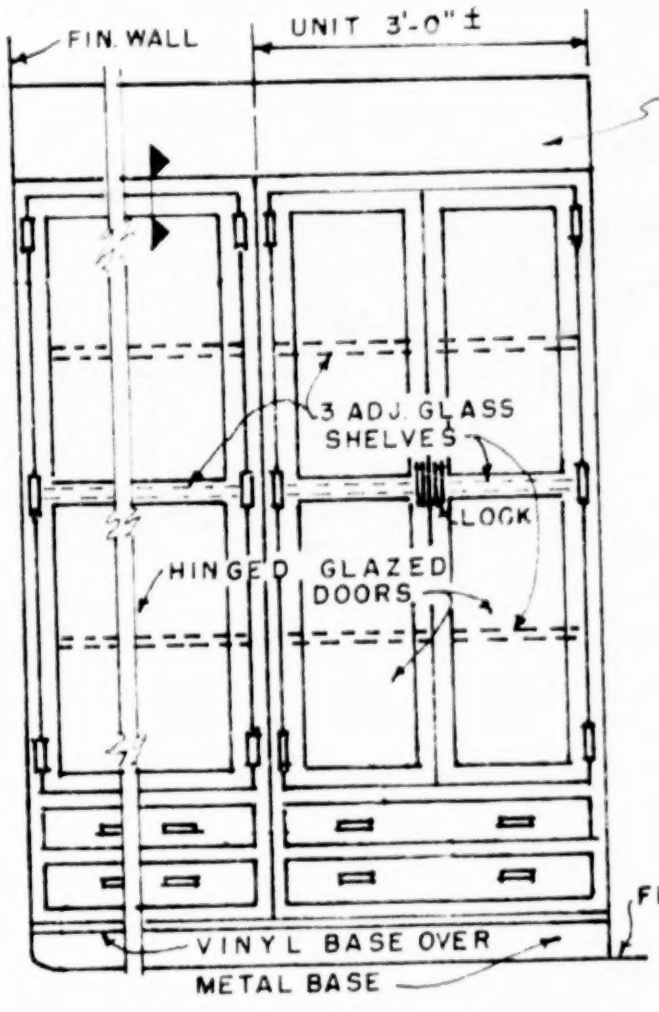
NOTE: CONTRACTOR SHALL PROVIDE SHOP DWGS.

NOTE TO DRAFTSMAN: FOR ANCHORAGE TO WALL, SEE STANDARD DETAIL NO. 66.

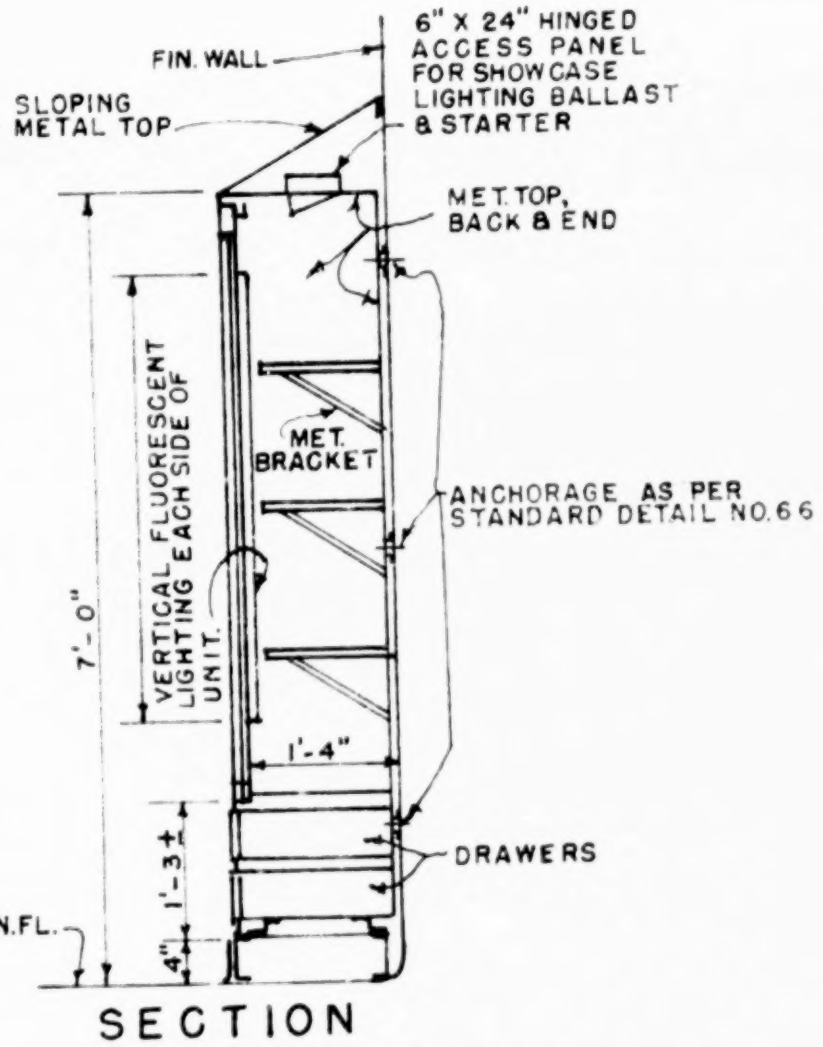
CABINET ASSEMBLY TYPE 17

JULY '77

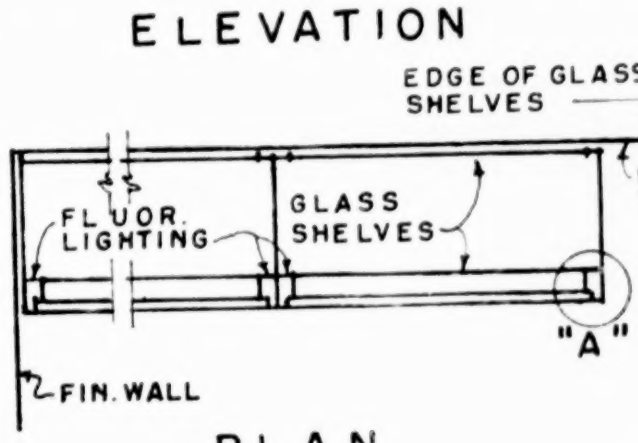
70M



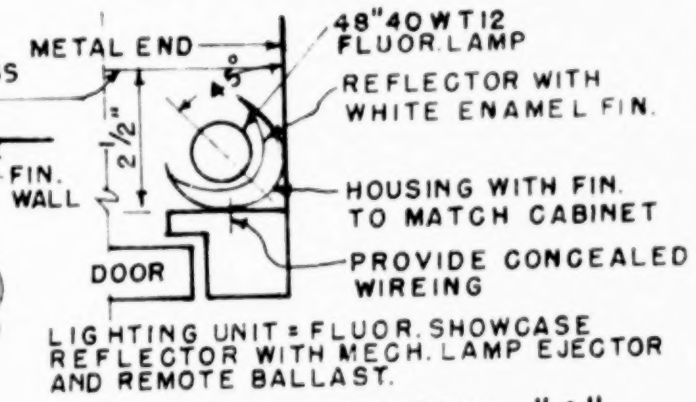
ELEVATION



SECTION



PLAN



LIGHTING UNIT = FLUOR. SHOWCASE REFLECTOR WITH MECH. LAMP EJECTOR AND REMOTE BALLAST.

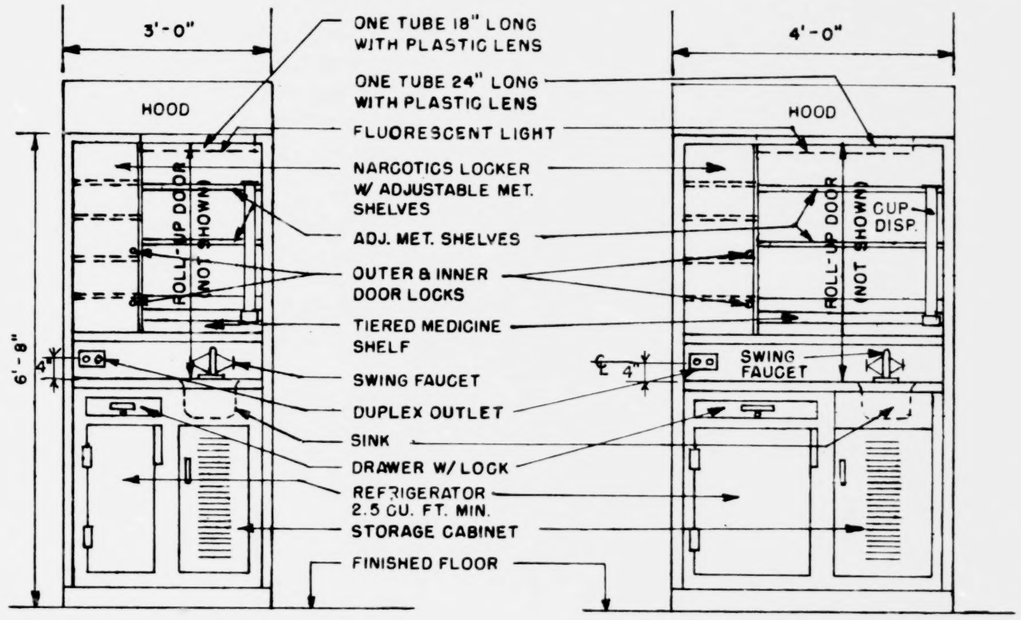
LIGHTING DETAIL "A"

NOTE:
FOR ANCHORAGE TO WALL, SEE STANDARD DETAIL NO. 66.
GLASS SHELVES OF CABINET TYPE 25 SHALL BE SUPPORTED AT ENDS ON BRACKETS AND SHALL CLEAR FLUORESCENT LIGHTING.
PROVIDE LOCKS ON DOORS OF EACH UNIT OF CABINET TYPE 25.
CONTRACTOR SHALL PROVIDE SHOP DWGS.

CABINET, DISPLAY, TYPE 25

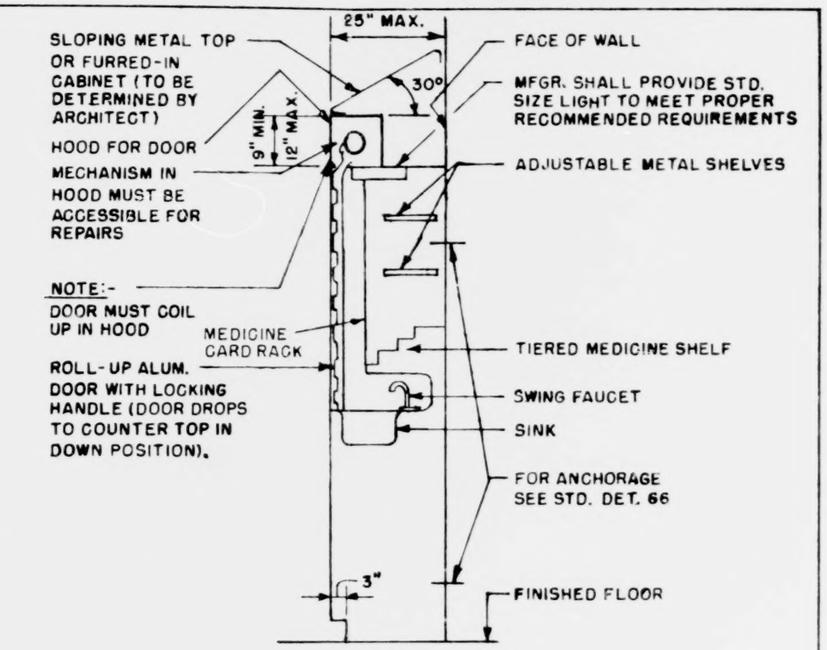
70 N

DEC '74

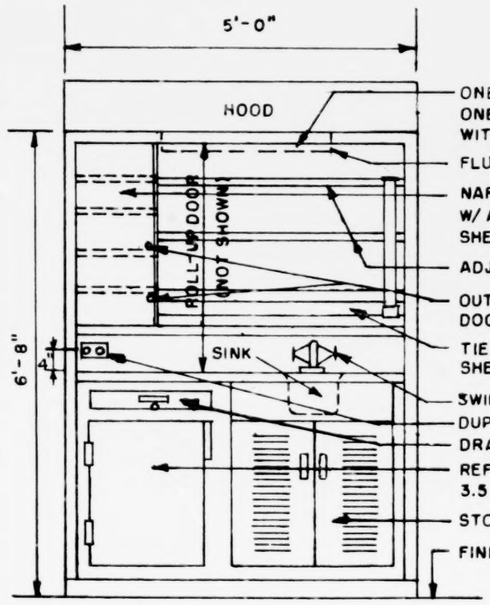


36" CABINET (SIZE 1)

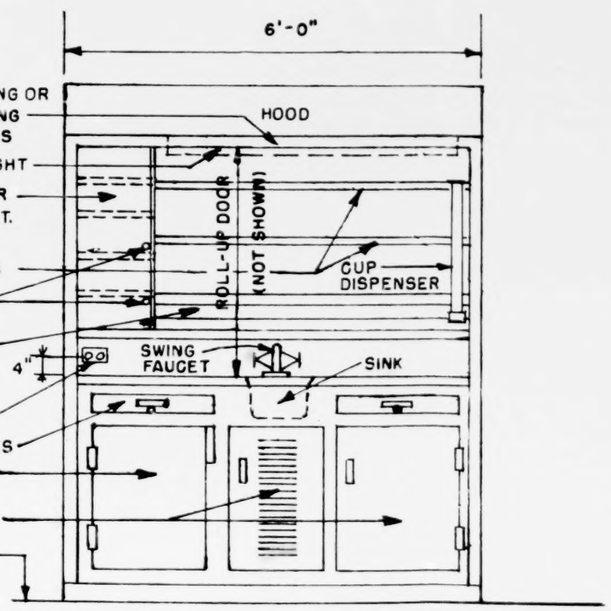
48" CABINET (SIZE 2)



TYPICAL SECTION



60" CABINET (SIZE 3)



72" CABINET (SIZE 4)

NOTES TO ARCHITECT

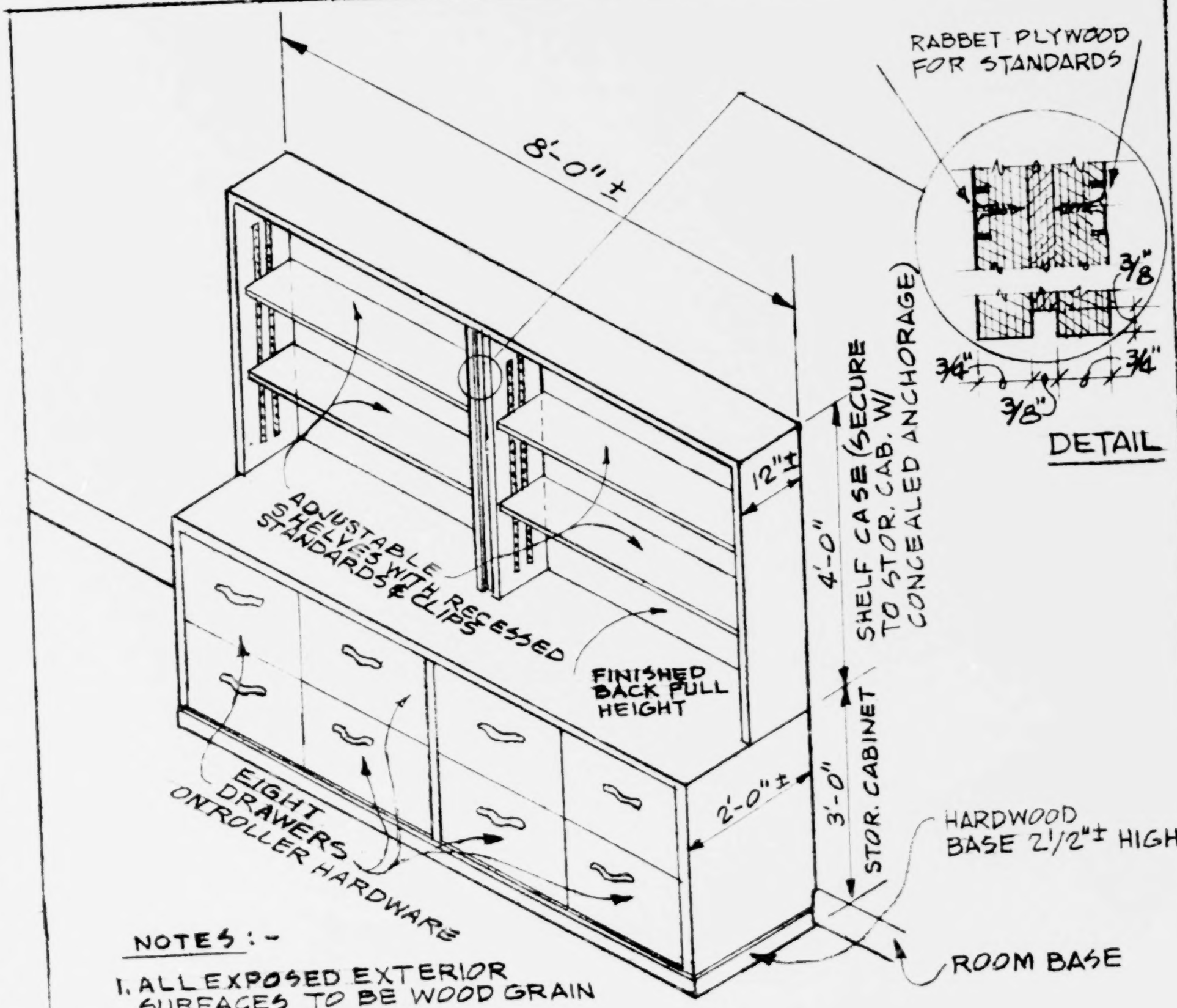
1. SEE STANDARD DETAIL NO. 71 FOR DETAIL OF CLEARANCE FOR RECESSED CABINETS.
2. SEE EQUIPMENT GUIDE LIST FOR SIZES OF MEDICINE CABINET(S) TO BE USED.
3. CALL FOR CLOSED ENDS WHEN CABINET IS NOT RECESSED.
4. NOTE TO ELECTRICAL DESIGNER (ARCHITECT COORDINATE): PROVIDE TWO SEPARATE 120 V, 20A, 1Ø CIRCUITS FOR MEDICATION CABINET.

MEDICINE CABINETS TYPE 18C (SIZES 1, 2, 3, & 4)

70 P

(REPRODUCTION SAMPLE NOT REQUIRED)

MARCH '78



NOTES :-

1. ALL EXPOSED EXTERIOR SURFACES TO BE WOOD GRAIN PLASTIC LAMINATE.
2. BRASS DOOR PULLS AND HINGES.
3. USE 3/4" PARTICLE BOARD OR PLYWOOD THROUGHOUT.
4. CONTRACTOR SHALL PROVIDE SHOP DRAWINGS OF LARGE SCALE DETAILS SHOWING CONSTRUCTION & JOINTING.
5. BOLT TO WALL, PER STD. DETAIL NO. 66.

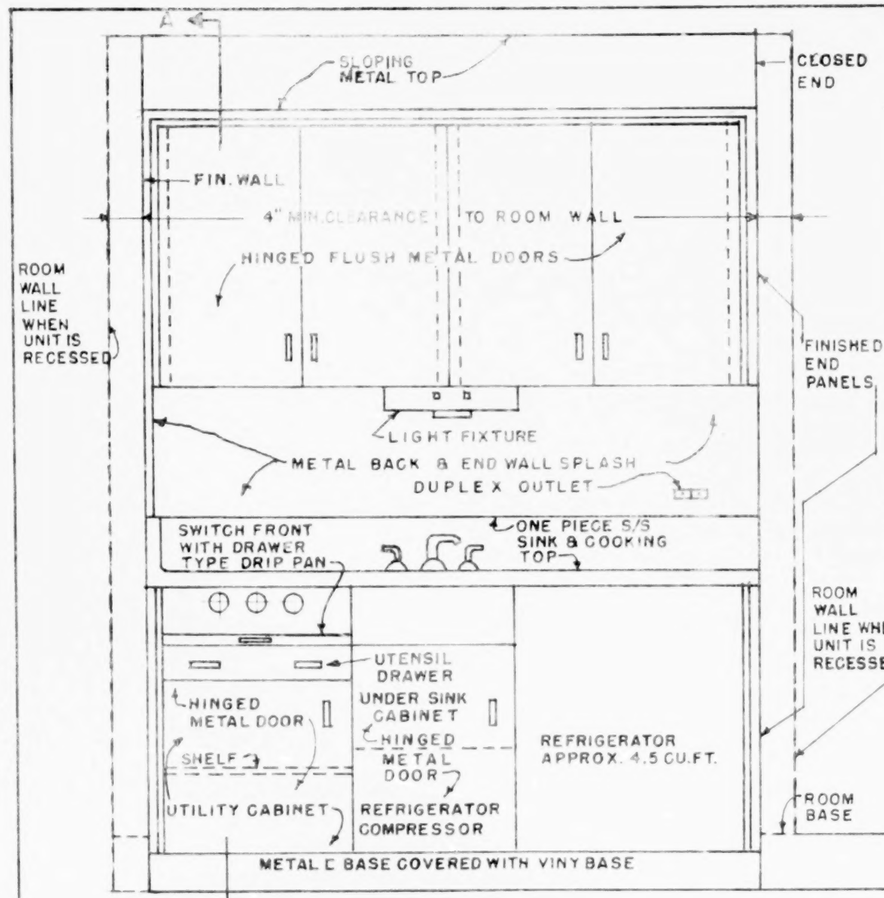
70 Q

DISPLAY CABINET TYPE 25A

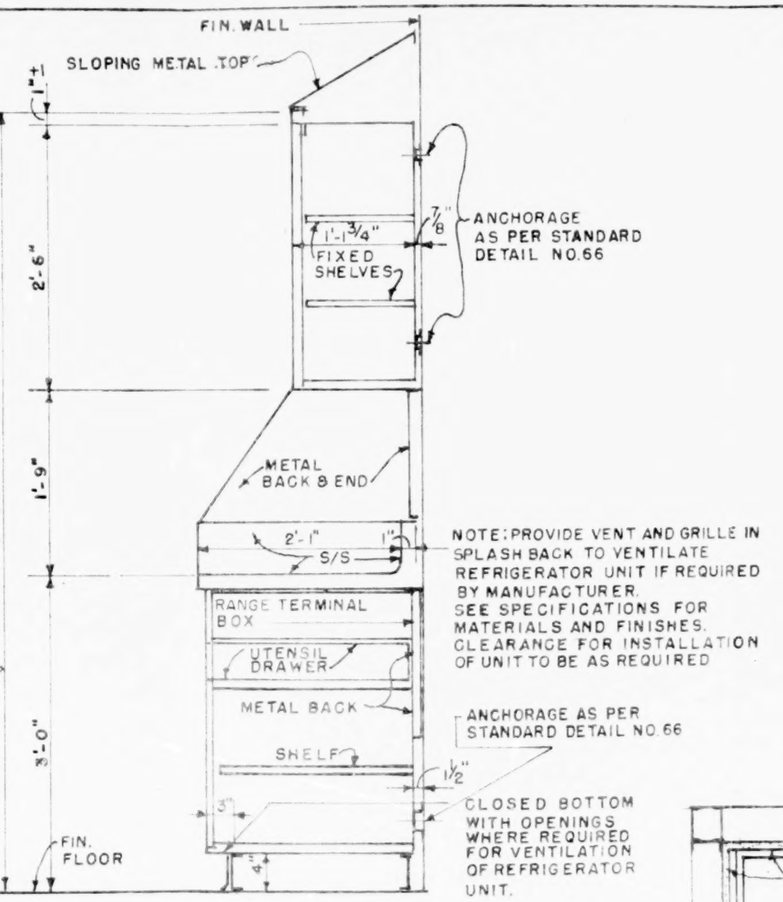
JUNE '78

JAN. 81

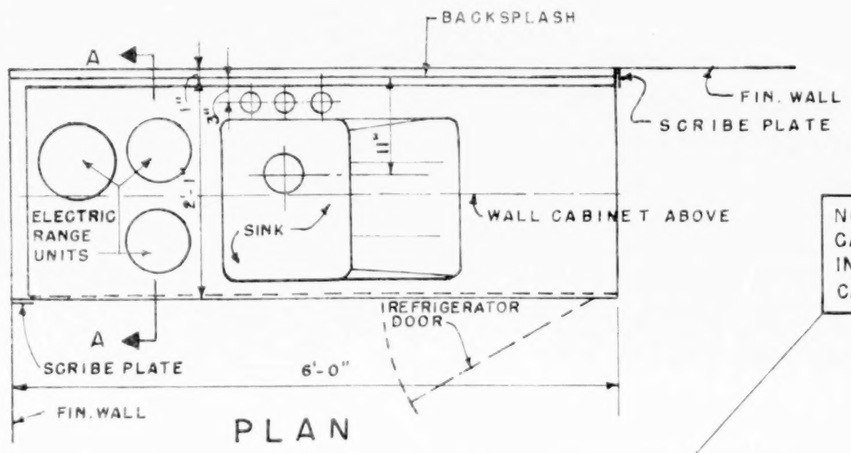
JA ARCHITECTURAL STANDARD DETAIL



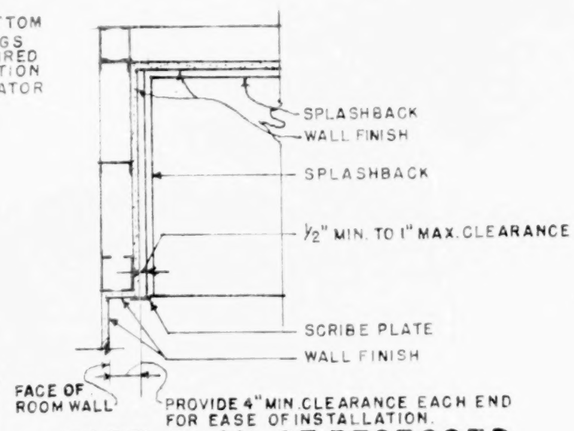
A ELEVATION



SECTION "A-A"



PLAN



PART PLAN OF RECESSED CABINET

NOTE:
CABINET "TYPE 22 MODIFIED" SHALL HAVE OVEN IN LIEU OF UTENSIL DRAWER AND UTILITY CABINET

NOTE:
LIGHT FIXTURE, 20 WATT FLUORESCENT, WITH 22GA. BAKED ENAMEL STEEL REFLECTOR WITH CLOSED ENDS AND TRIGGER STARTING TYPE BALLAST. FOR ANCHORAGE TO WALL, SEE STANDARD DETAIL NO.66.

KITCHEN CABINET TYPE 22 & 22 MODIFIED

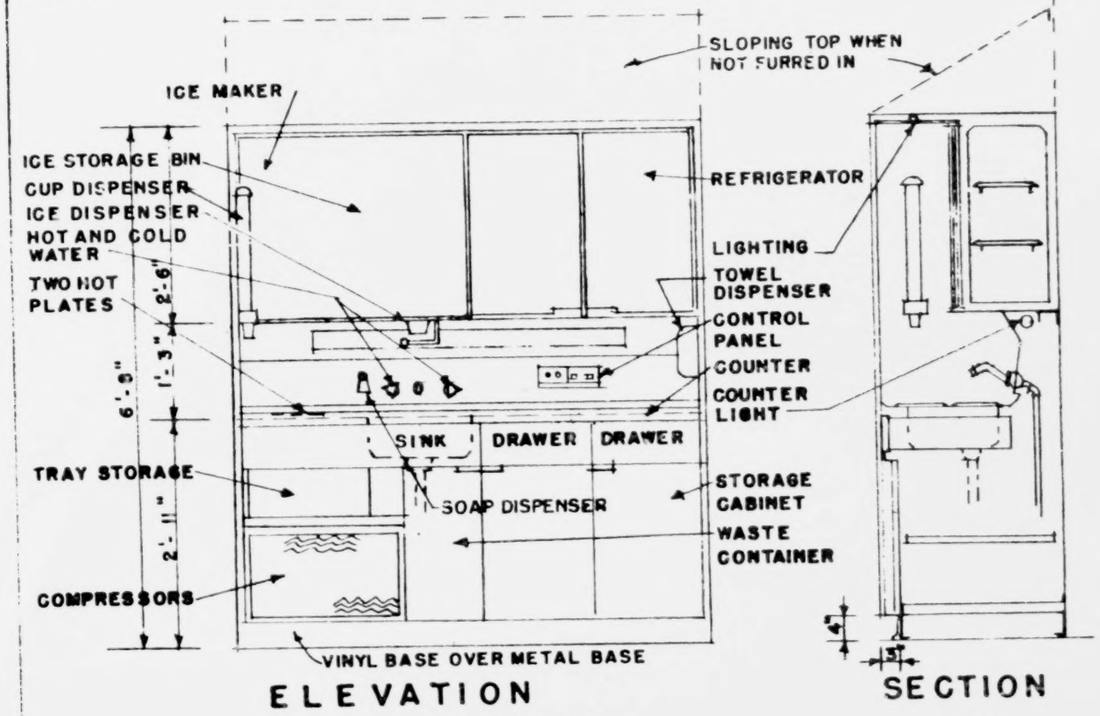
JUNE '76

71

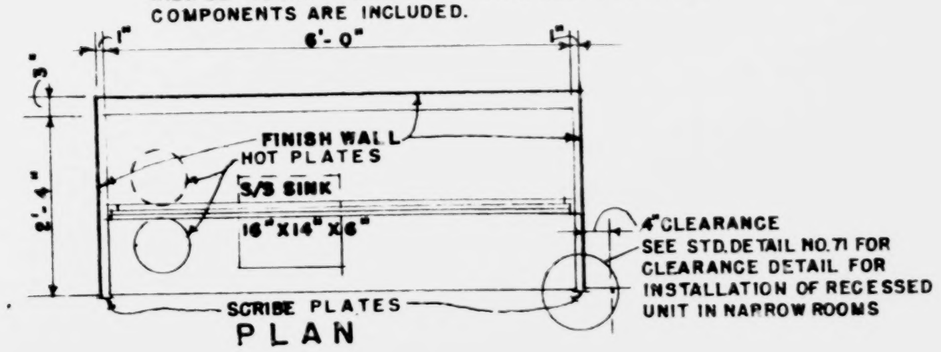
VA ARCHITECTURAL STANDARD DETAIL

JAN. 81

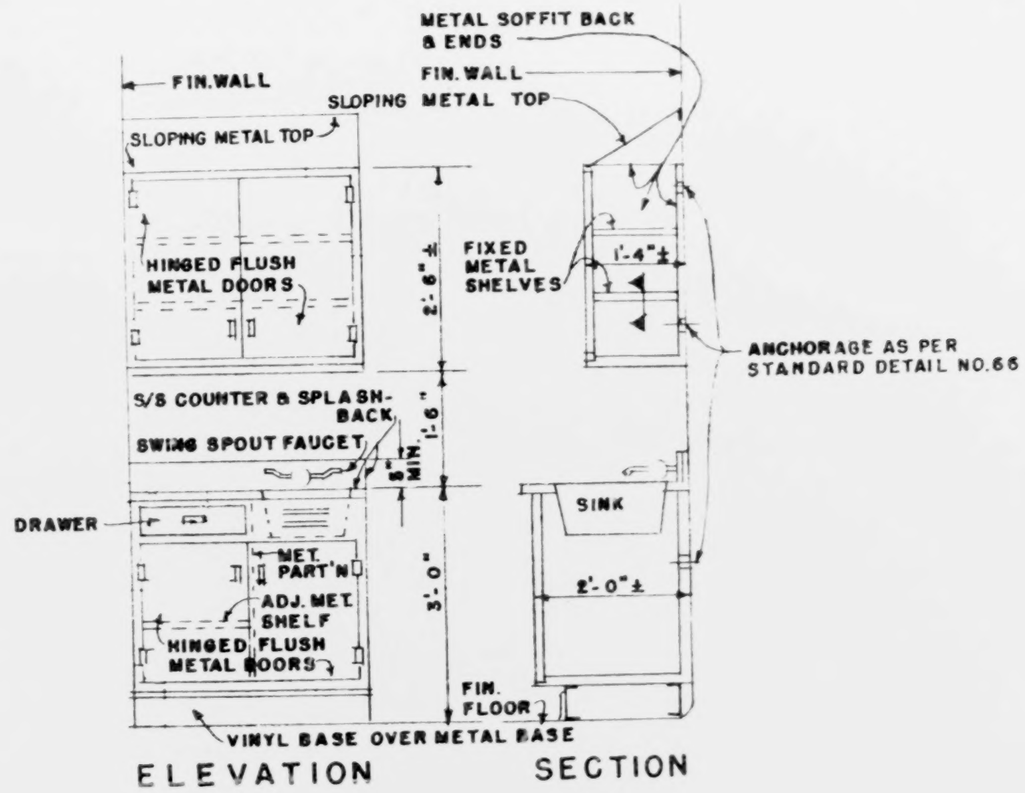
NOTE: WHEN CEILING IS FURRED DOWN TO CABINET TOP, PROVIDE VENTILATING GRILLE IN FURRED SPACE ABOVE CABINET.

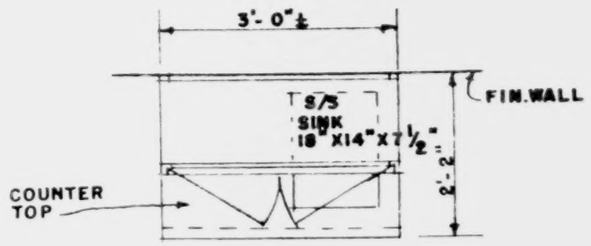


NOTE FOR CABINET TYPE 22-E:
OTHER ARRANGEMENT OF PARTS OF CABINET WILL BE ACCEPTABLE PROVIDING ALL SPECIFIED COMPONENTS ARE INCLUDED.



KITCHEN CABINET TYPE 22-E





KITCHEN CABINET TYPE 22-C

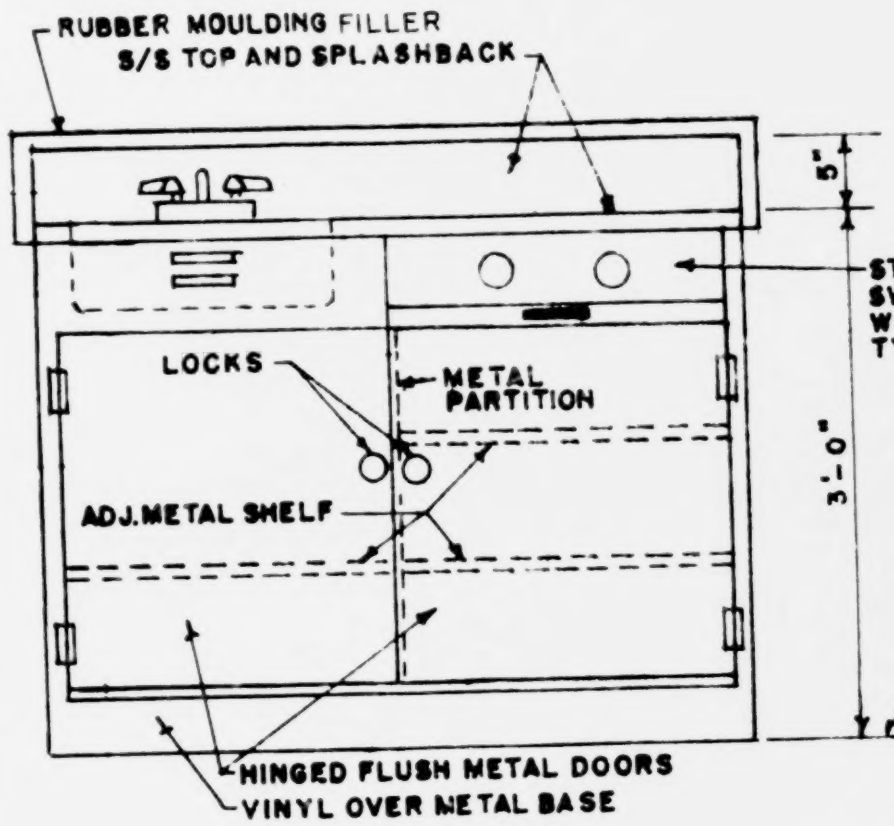
NOTE: CONTRACTOR SHALL PROVIDE SHOP DWGS.

NOTE TO DRAFTSMAN: FOR ANCHORAGE TO WALL, SEE STANDARD DETAIL NO. 66

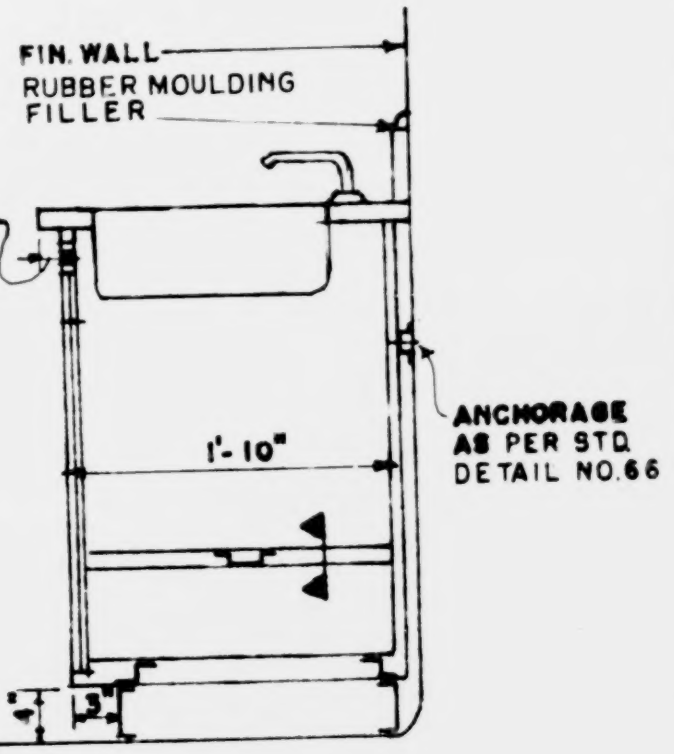
KITCHEN CABINETS TYPES 22-C & 22-E

71 A

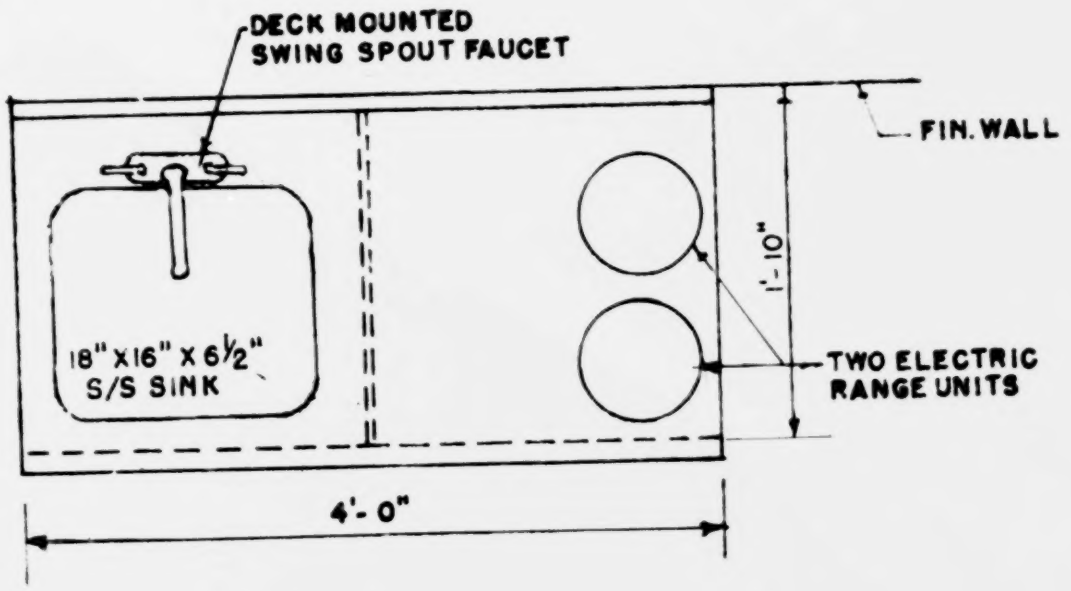
JULY '77



ELEVATION



SECTION



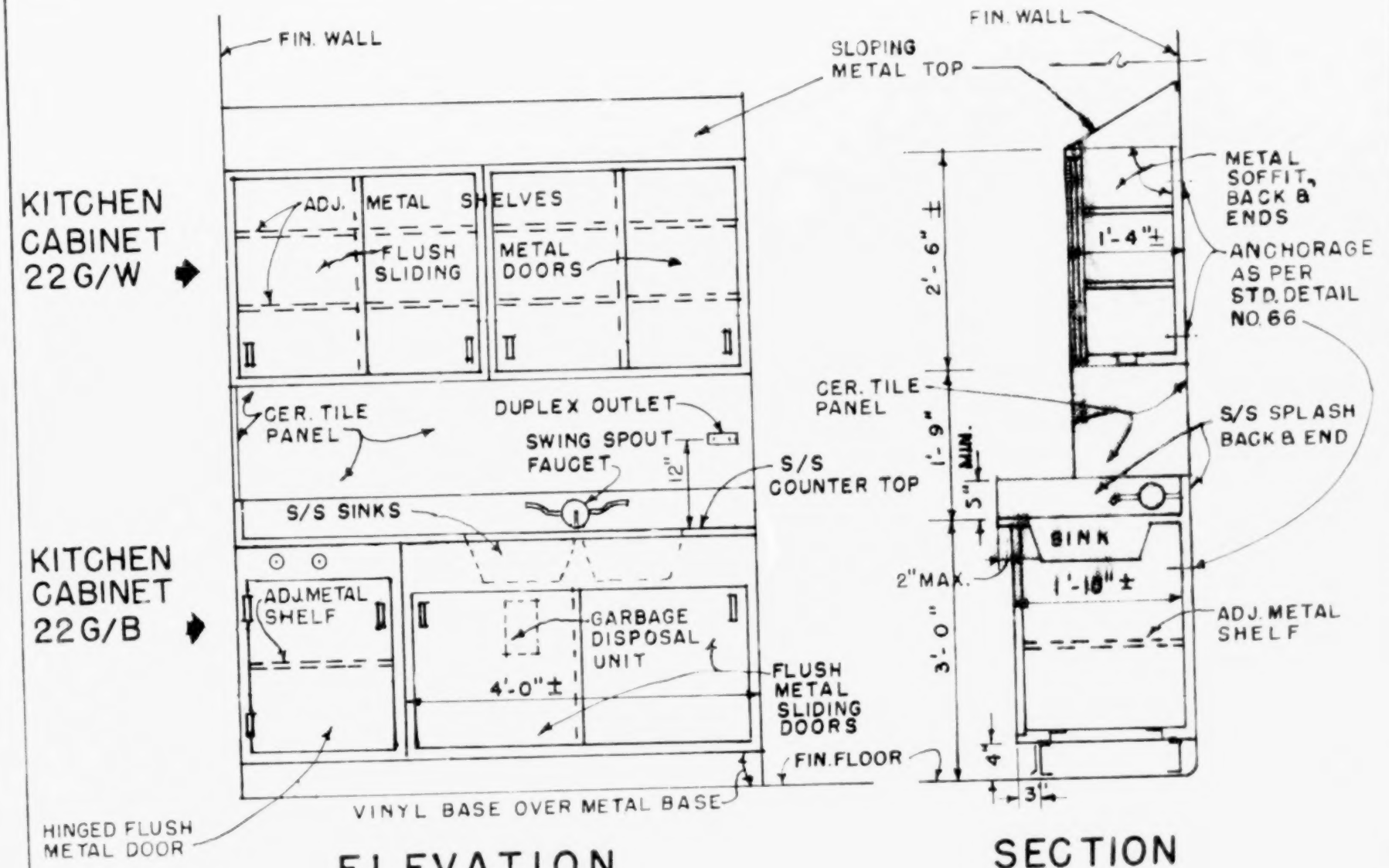
PLAN

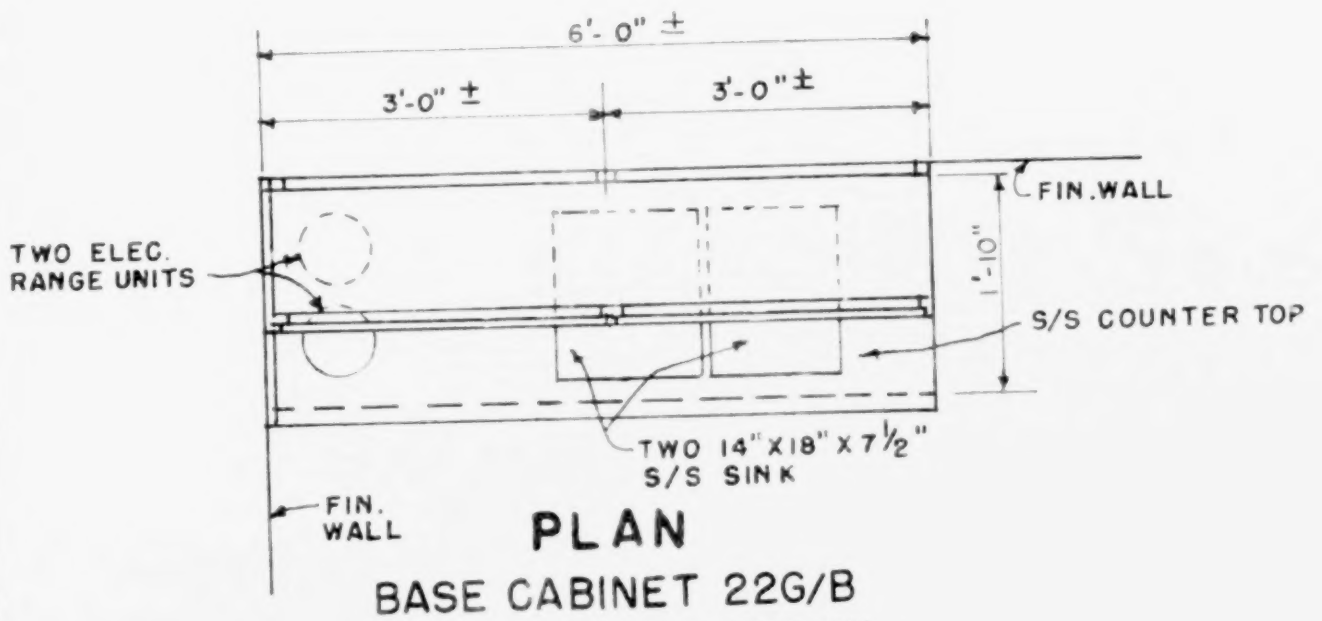
NOTE: CONTRACTOR SHALL PROVIDE SHOP DWGS.

FOR ANCHORAGE TO WALL, SEE STANDARD DETAIL NO. 66.

KITCHEN CABINET TYPE 22F

71C





PLAN

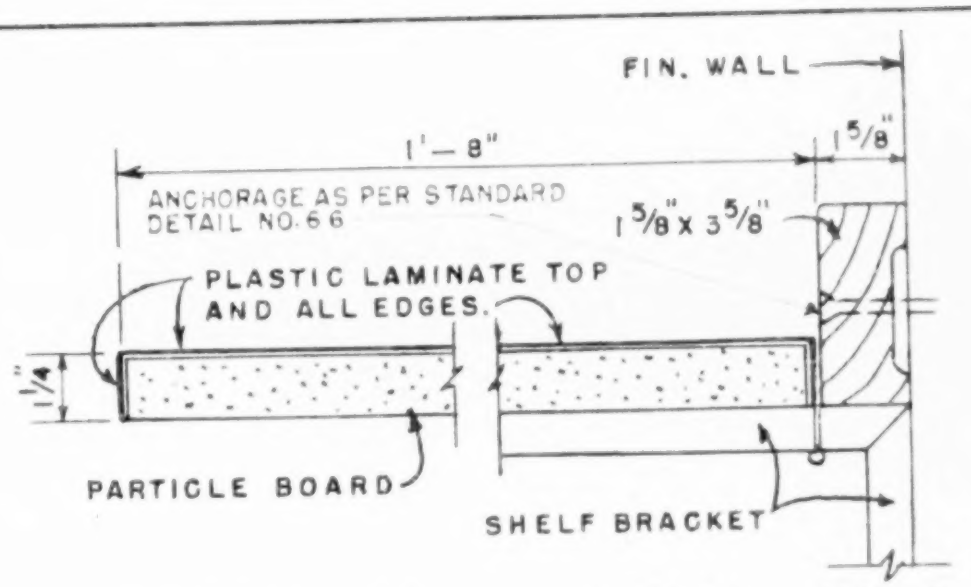
BASE CABINET 22G/B
WALL CABINET 22G/W

CONTRACTOR SHALL PROVIDE SHOP DWGS.

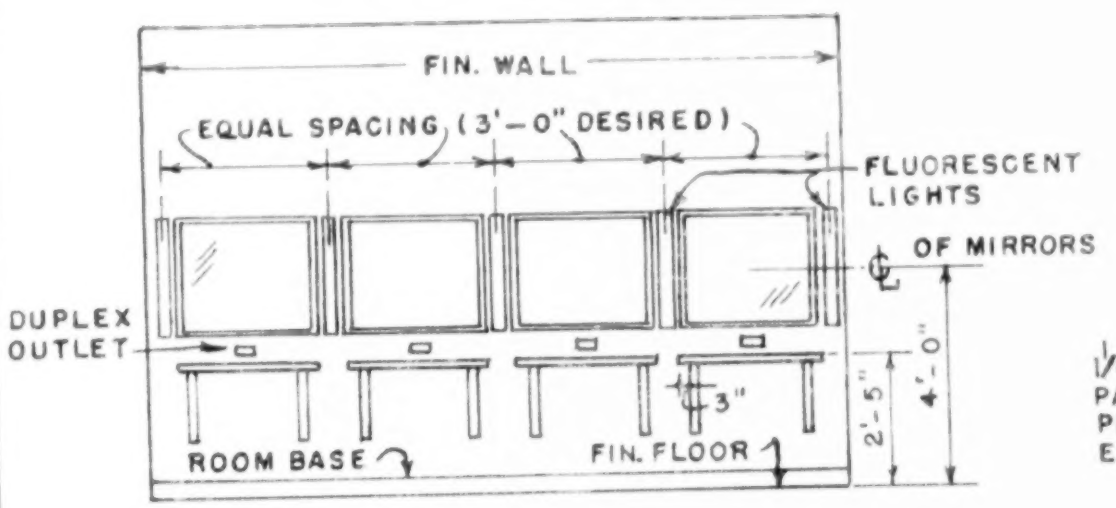
FOR ANCHORAGE SEE STD. DETAIL NO. 66

KITCHEN CABINET ASSEMBLY TYPE 22G

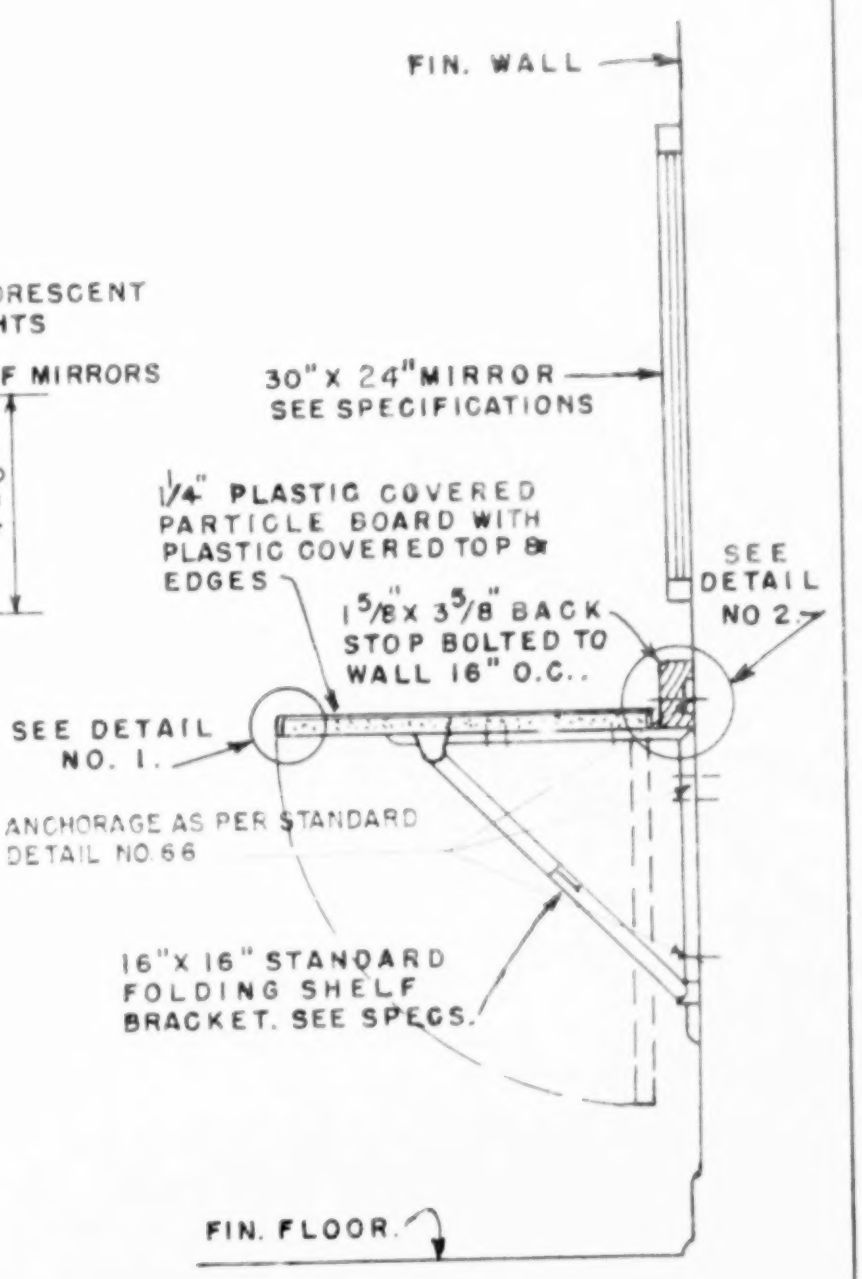
71D



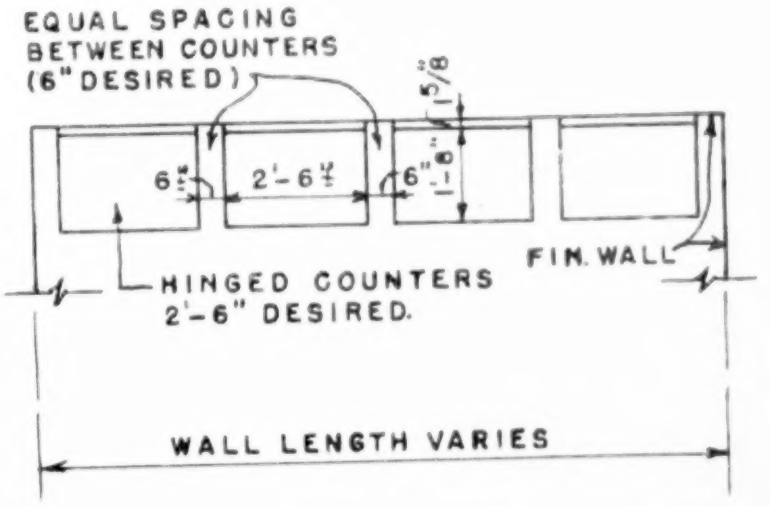
DETAIL NO-1 DETAIL NO-2



ELEVATION



SECTION



PLAN

NOTE TO DRAFTSMAN: FOR ANCHORAGE TO WALL, SEE STANDARD DETAIL NO. 66

COUNTER, DRESSING (MAKE-UP) TYPE B

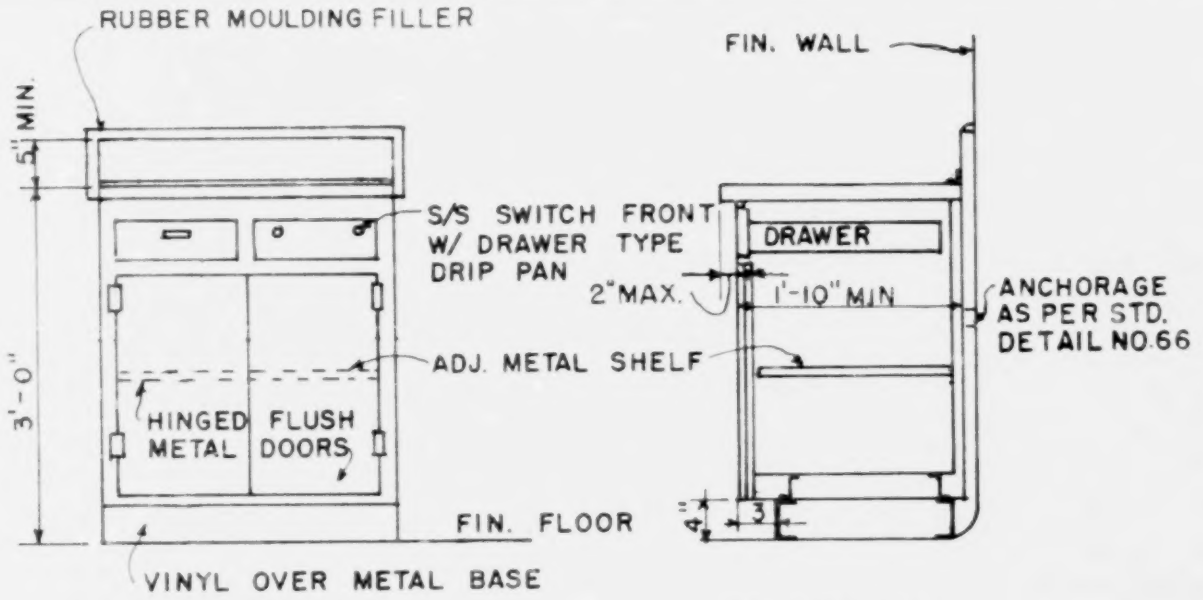
72A

NOTE: NUMBER OF INDIVIDUAL COUNTERS SHALL BE AS SHOWN ON FLOOR PLANS.

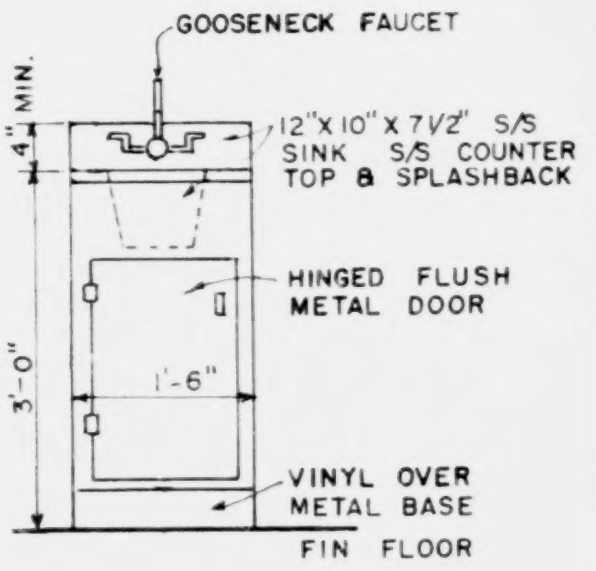
JUNE '75

JAN. 81

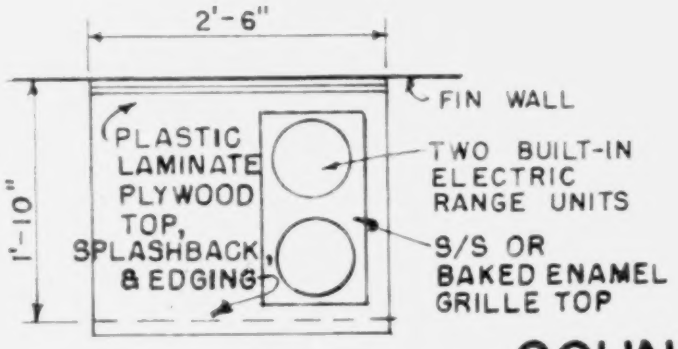
VA ARCHITECTURAL STANDARD DETAIL



ELEVATION SECTION

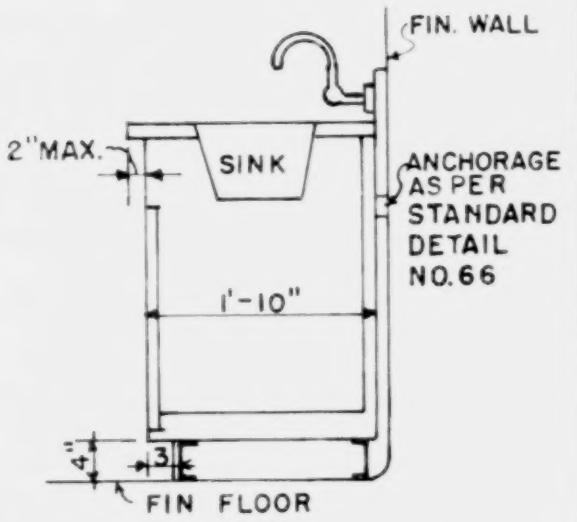


ELEVATION



PLAN

COUNTER TYPE IF



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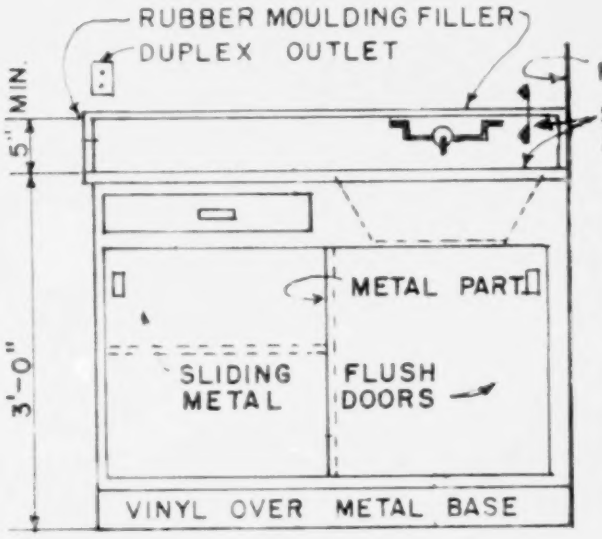
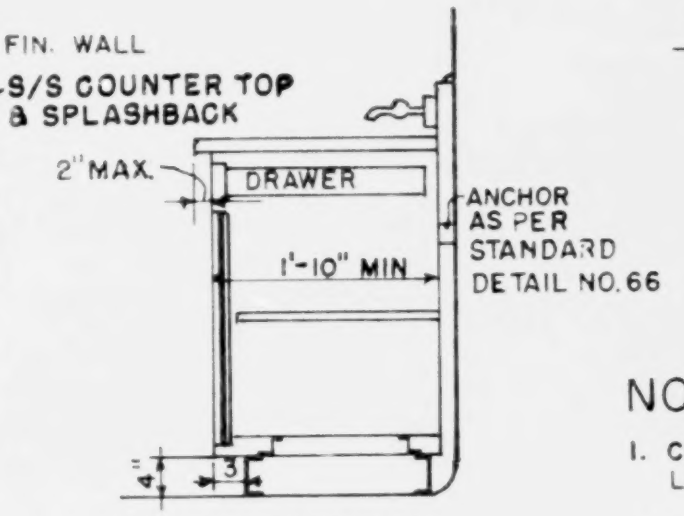


ELEVATION

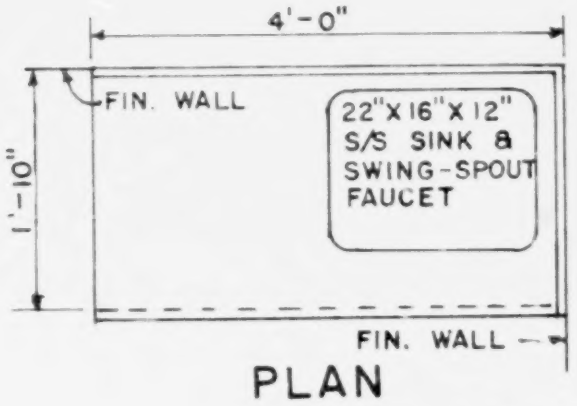


SECTION

COUNTER TYPE IL

NOTES:

1. COUNTERS CAN BE RIGHT OR LEFT HAND SEE PLANS.
2. CONTRACTOR SHALL PROVIDE SHOP DWG.
3. FOR ANCHORAGE TO WALL, SEE STANDARD DETAIL NO.66.



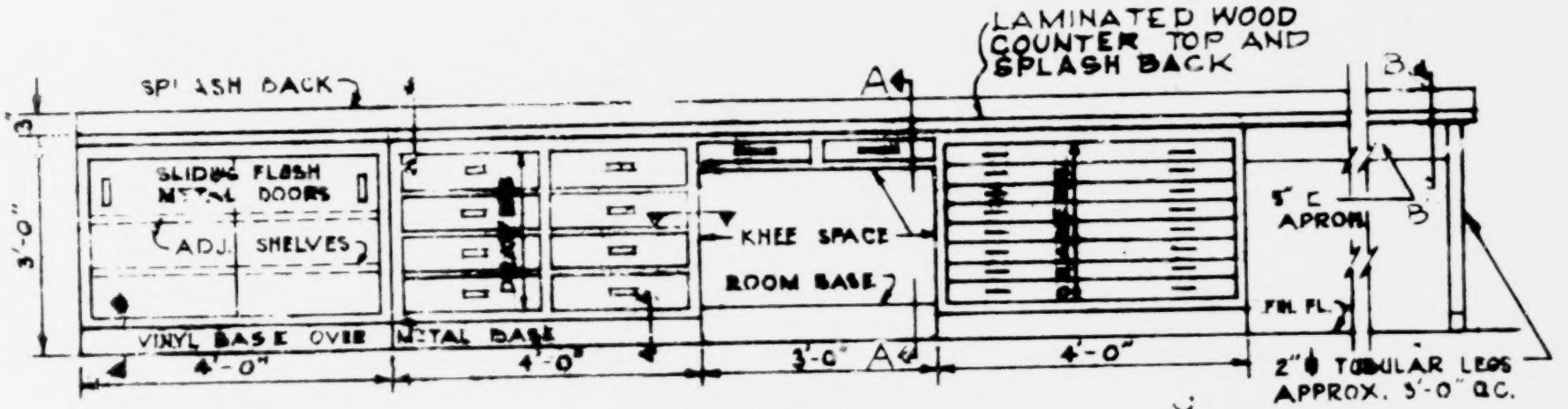
PLAN

COUNTER TYPE IK

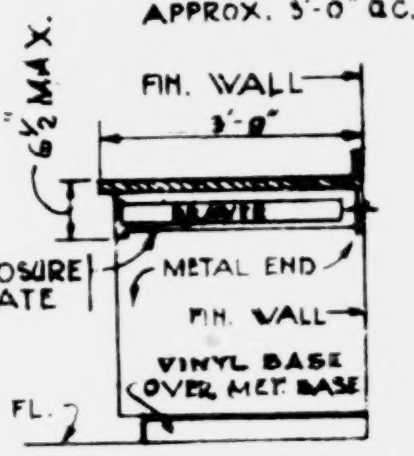
COUNTERS TYPES IF, IK & IL

72C

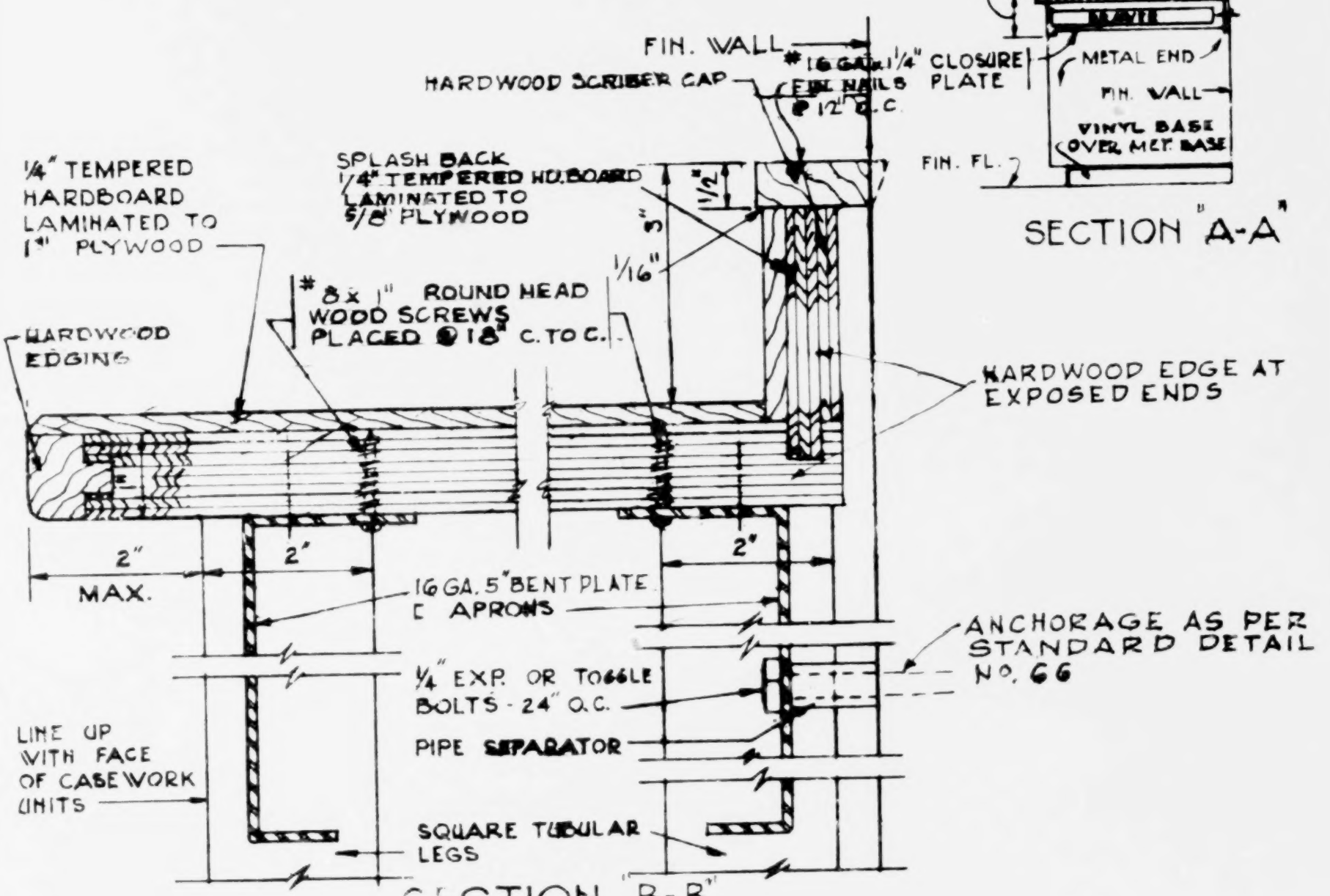
JULY '77



ELEVATION



SECTION "A-A"



SECTION "B-B"

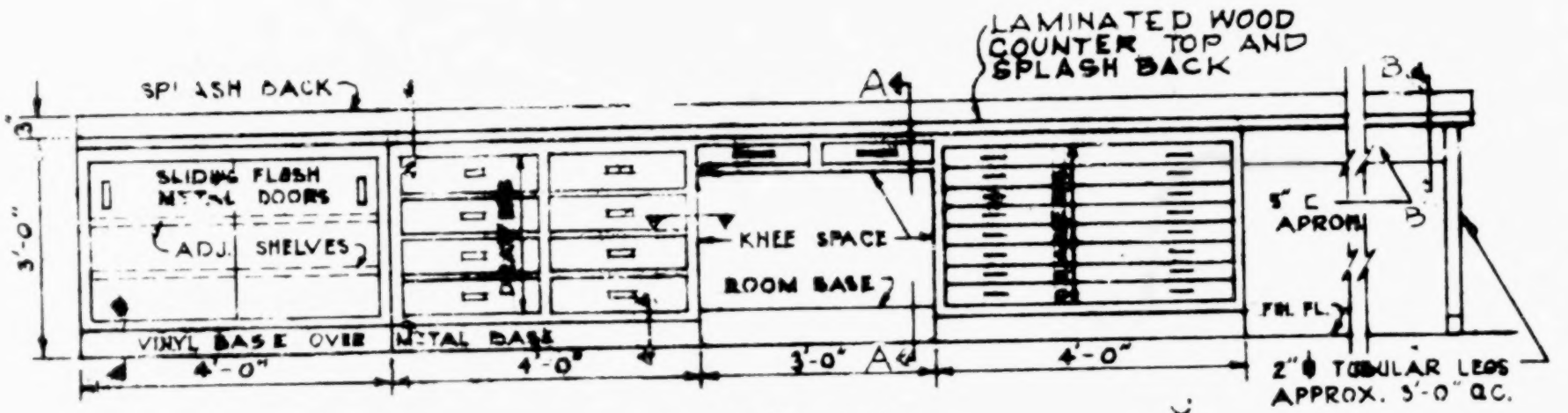
NOTE:
THIS DRAWING SHOWS A COMPOSITE ARRANGEMENT OF THE VARIOUS TYPES OF METAL CASEWORK UNITS REQUIRED UNDER THE WOOD COUNTER TOP. ACTUAL NUMBER AND ARRANGEMENT OF UNITS SHALL BE DETERMINED BY D.M.&S. FOR EACH PROJECT.
CONTRACTOR SHALL PROVIDE A SHOP DWG.

COUNTER-- WORK BENCH TYPE 1M

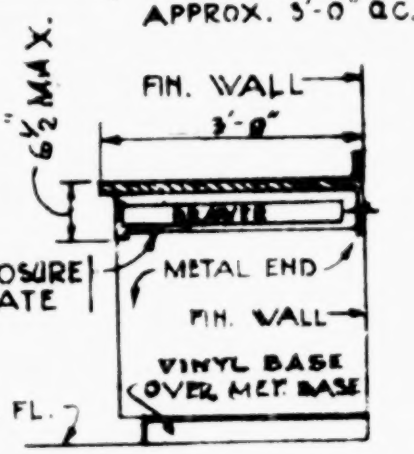
72D

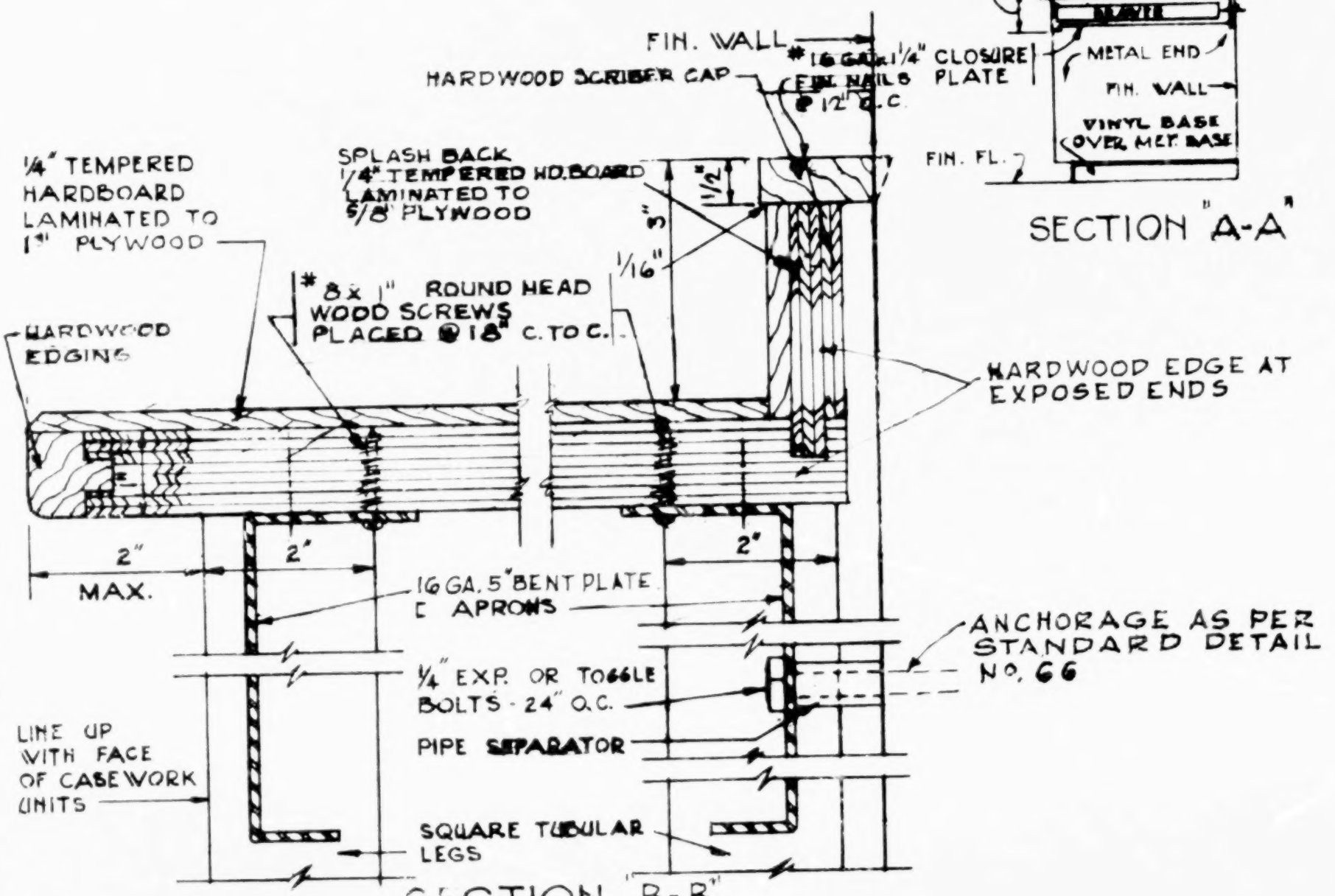
JULY '77

JA



ELEVATION





SECTION "A-A"

SECTION "B-B"

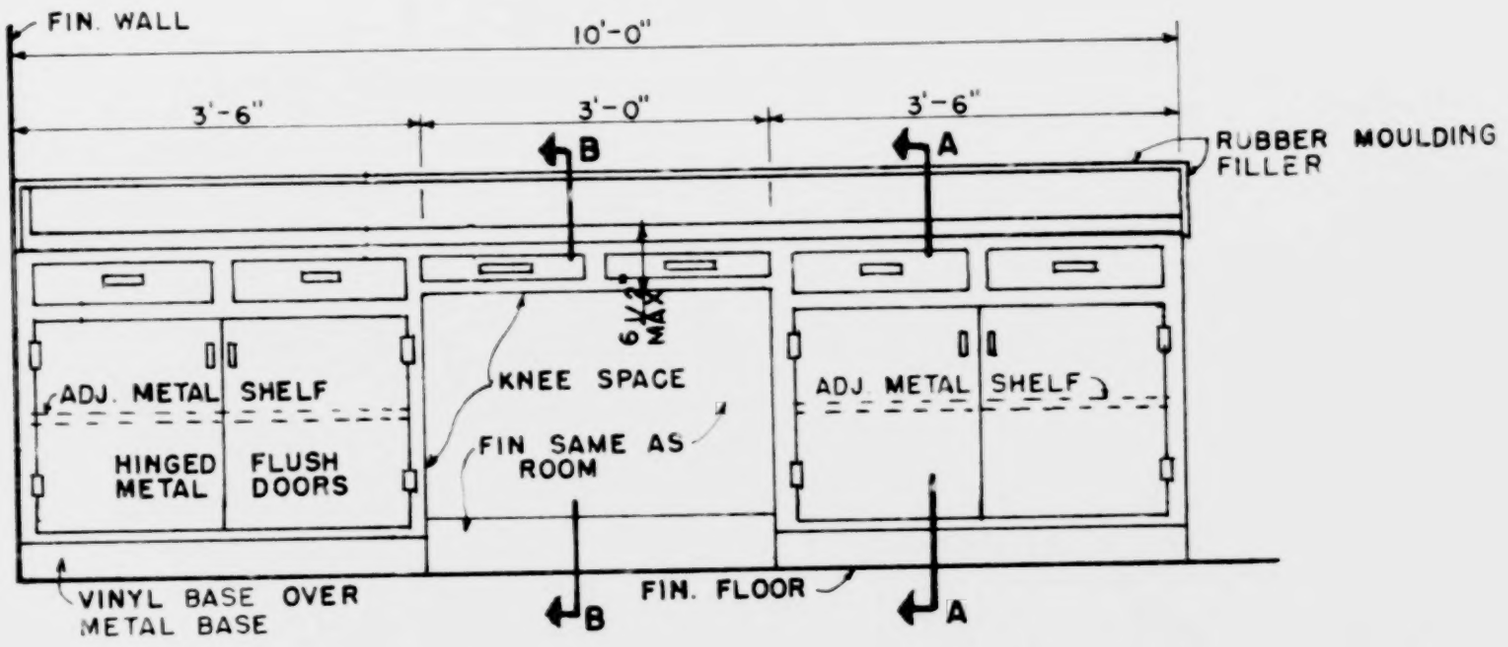
NOTE:
THIS DRAWING SHOWS A COMPOSITE ARRANGEMENT OF THE VARIOUS TYPES OF METAL CASEWORK UNITS REQUIRED UNDER THE WOOD COUNTER TOP. ACTUAL NUMBER AND ARRANGEMENT OF UNITS SHALL BE DETERMINED BY D.M.&S. FOR EACH PROJECT.
CONTRACTOR SHALL PROVIDE A SHOP DWG.

COUNTER-- WORK BENCH TYPE IM

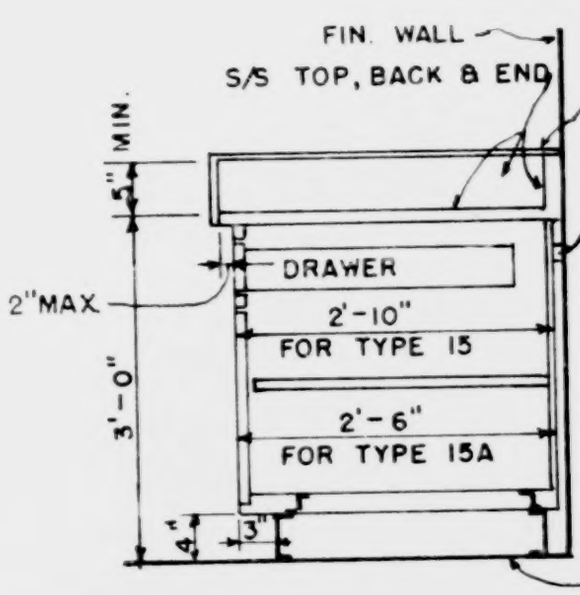
72D

JULY '77

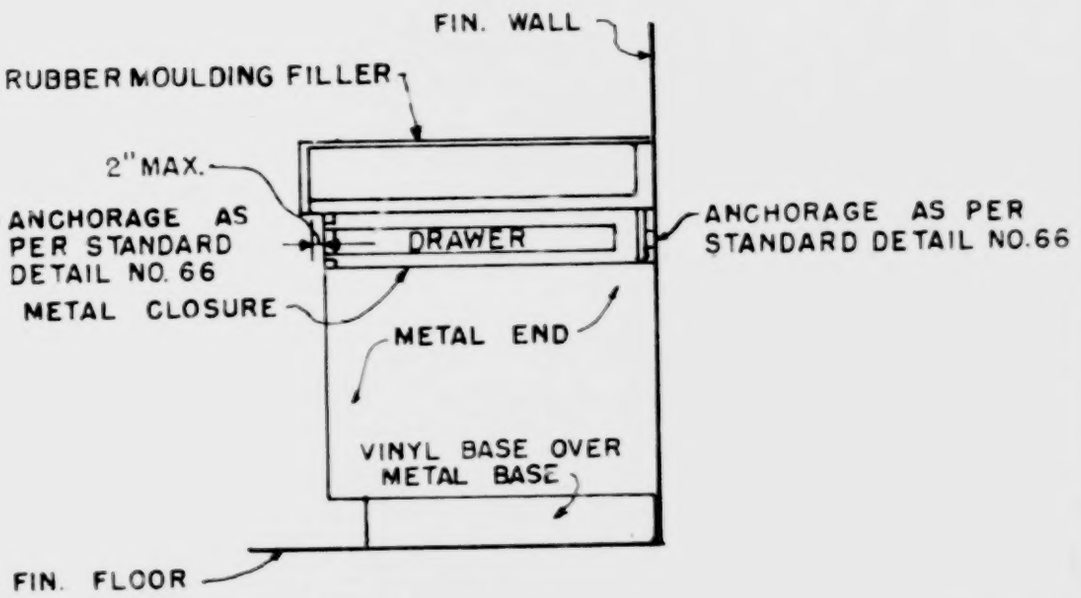
JA



ELEVATION



SECTION "A-A"



SECTION "B-B"

NOTE:

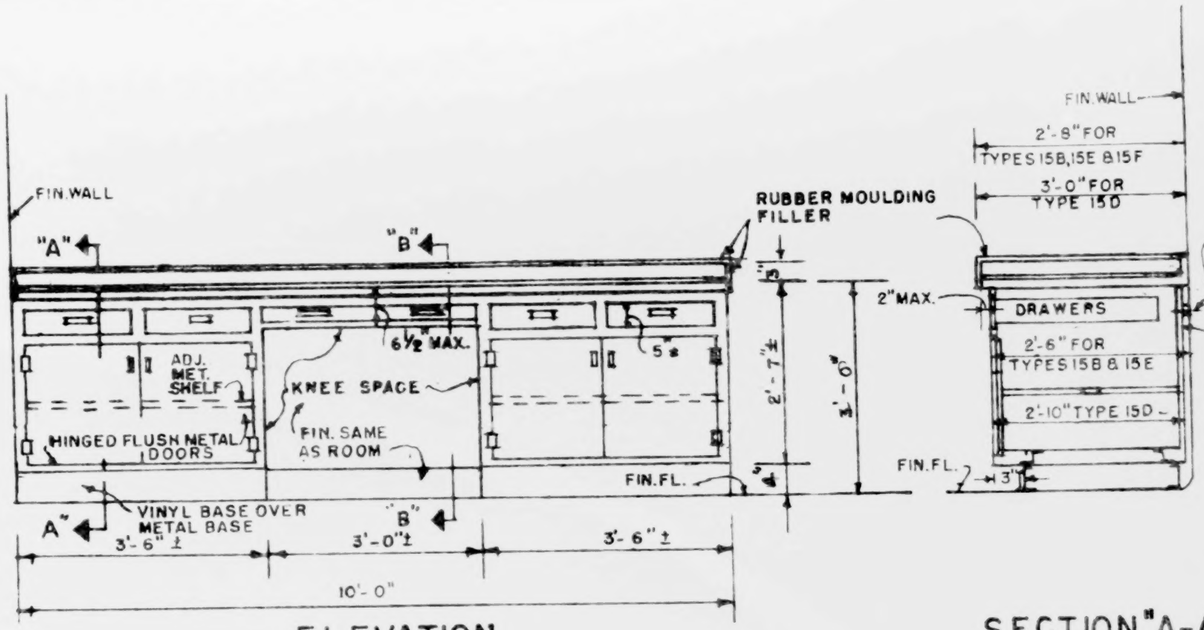
CONTRACTOR SHALL PROVIDE SHOP DWGS.

FOR ANCHORAGE TO WALL, SEE STANDARD DETAIL NO. 66.

COUNTERS TYPES 15 & 15A

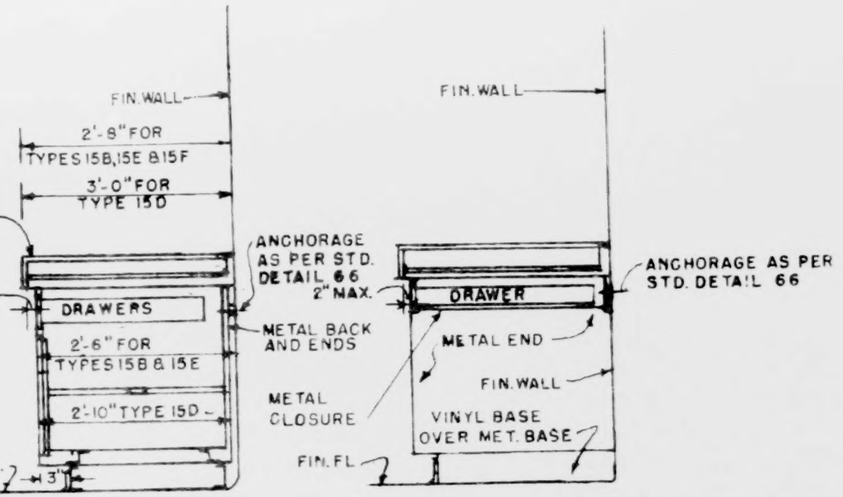
JULY

72E



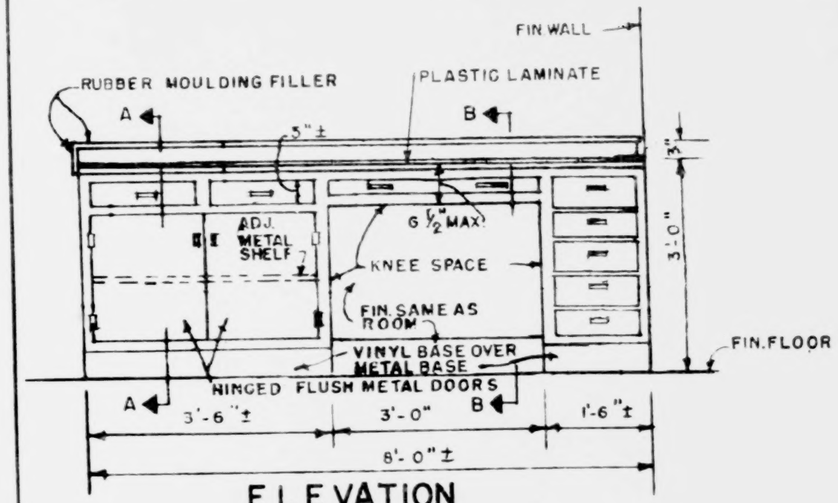
ELEVATION

COUNTER TYPE 15B



SECTION "A-A"

SECTION "B-B"

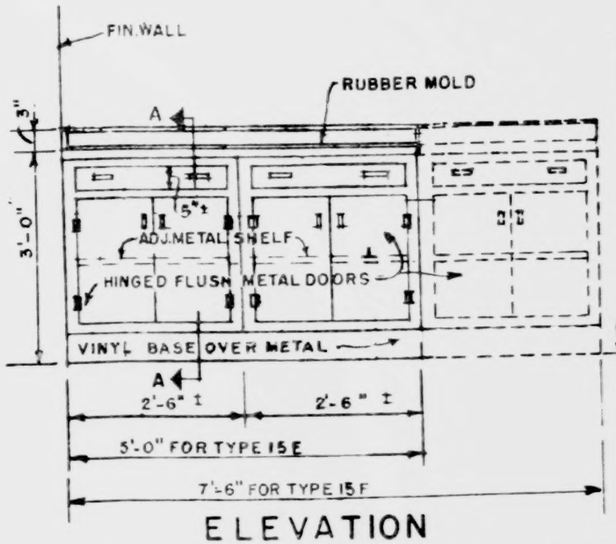


ELEVATION

COUNTER TYPE 15D

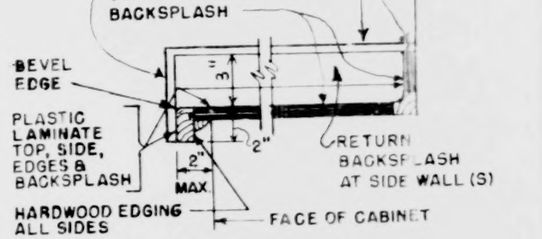
NOTES:

1. COUNTER TYPE 15D MAY BE RIGHT OR LEFT HAND AS DETERMINED BY PLANS
2. CONTRACTOR SHALL PROVIDE SHOP DWGS.



ELEVATION

COUNTERS TYPES 15E & 15F

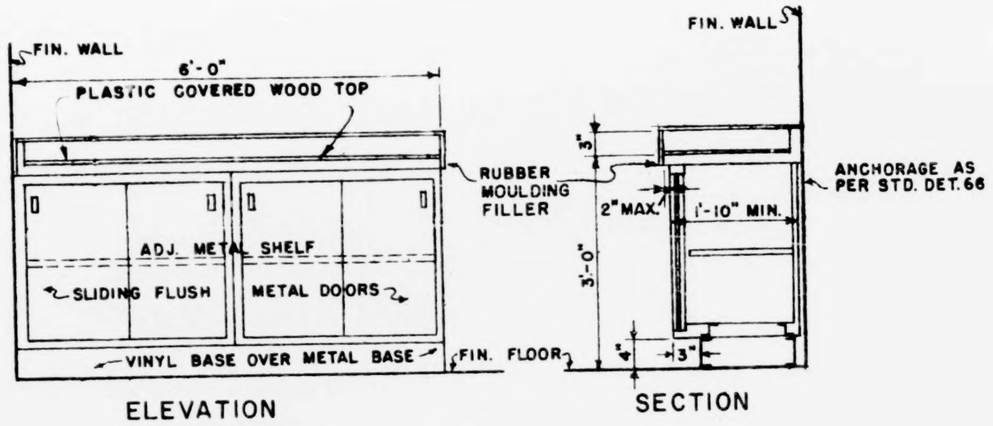


SECTION THRU
COUNTER TOP AND
BACKSPLASH-ALL COUNTERS

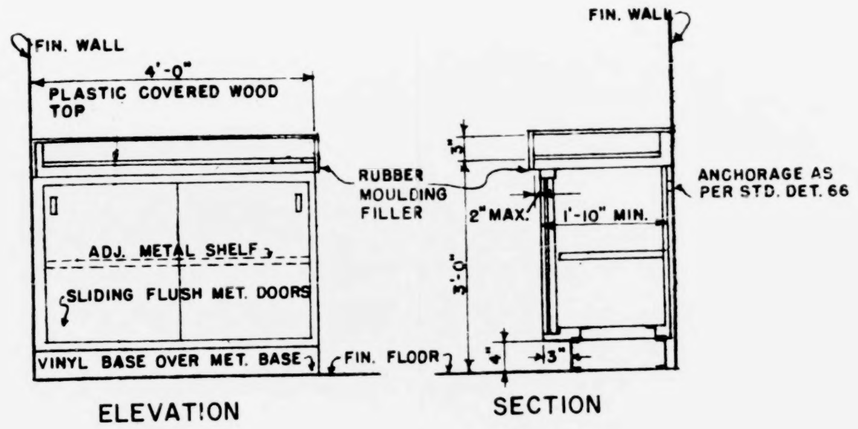
COUNTERS TYPES 15B,15D,15E & 15F

72F

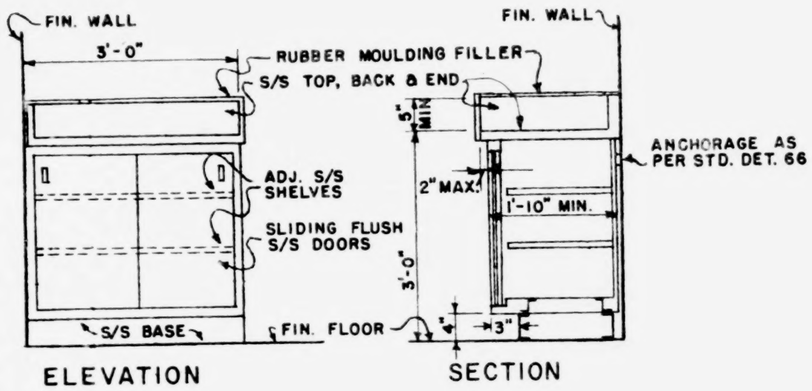
VA ARCHITECTURAL STANDARD DETAIL JAN. 81



COUNTER TYPE 16



COUNTER TYPE 16B



COUNTER TYPE 16 A

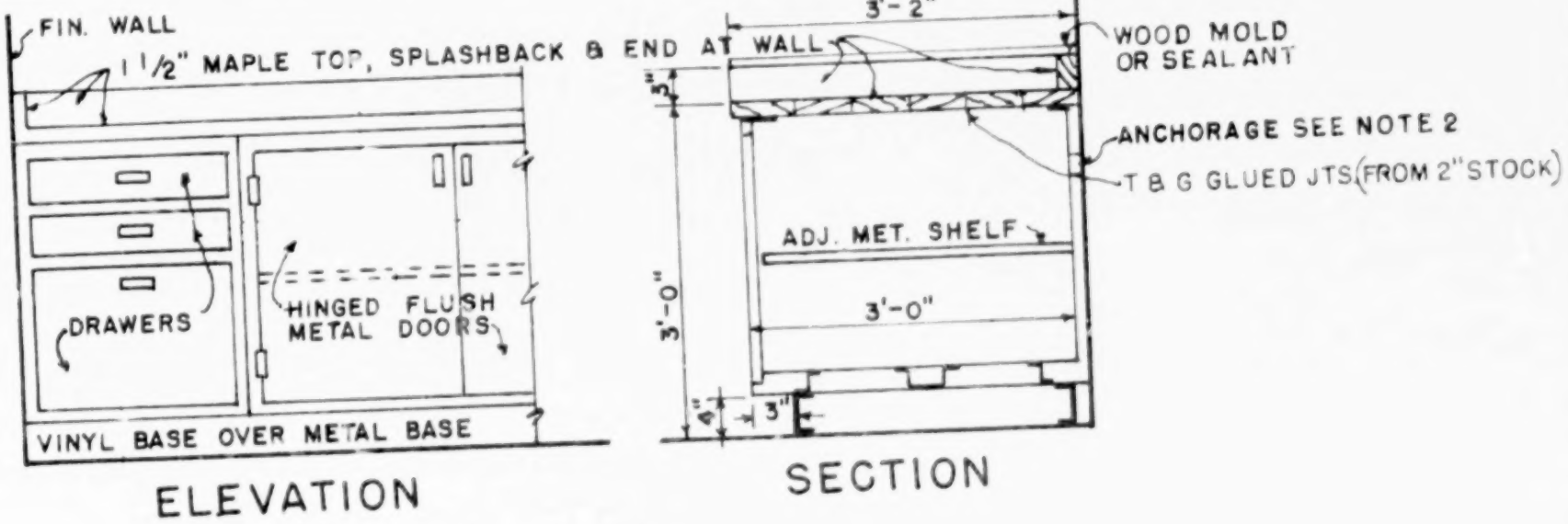
NOTES:

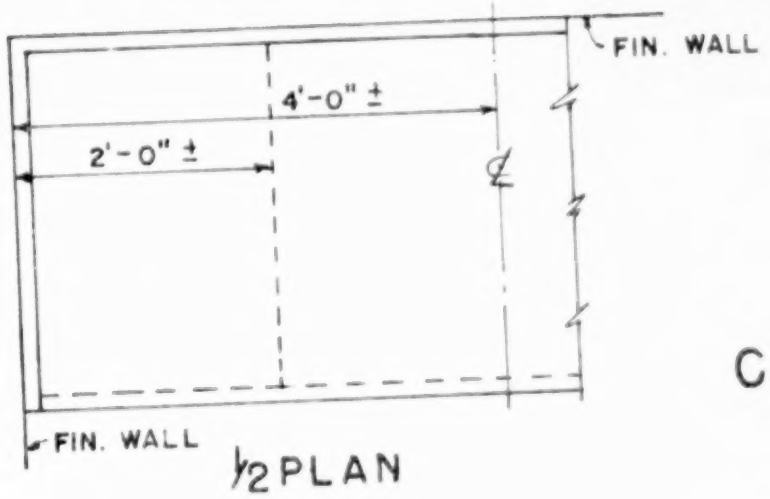
1. CONTRACTOR SHALL PROVIDE SHOP DRAWINGS.
2. FOR ANCHORAGE TO WALL, SEE STANDARD DETAIL NO. 66.

COUNTER TYPES 16, 16A, & 16B

REVISED 6/82
JAN. '76

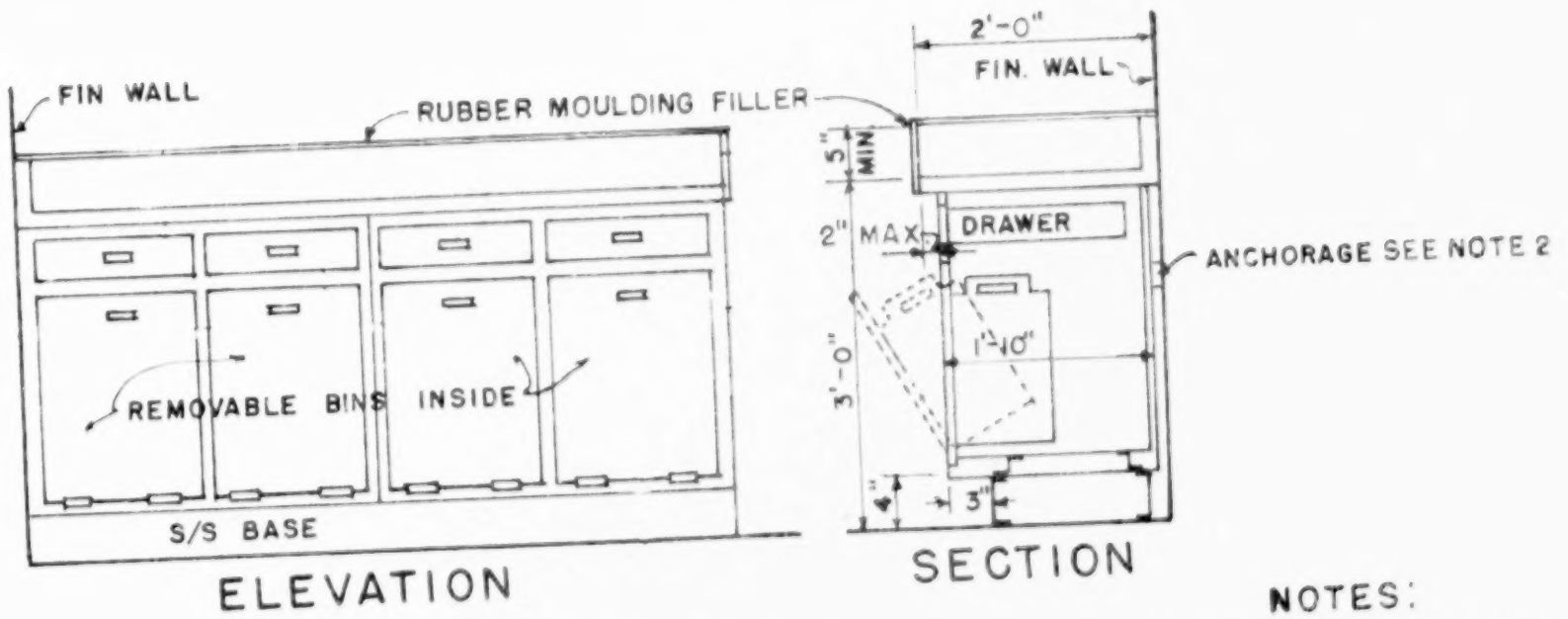
72G

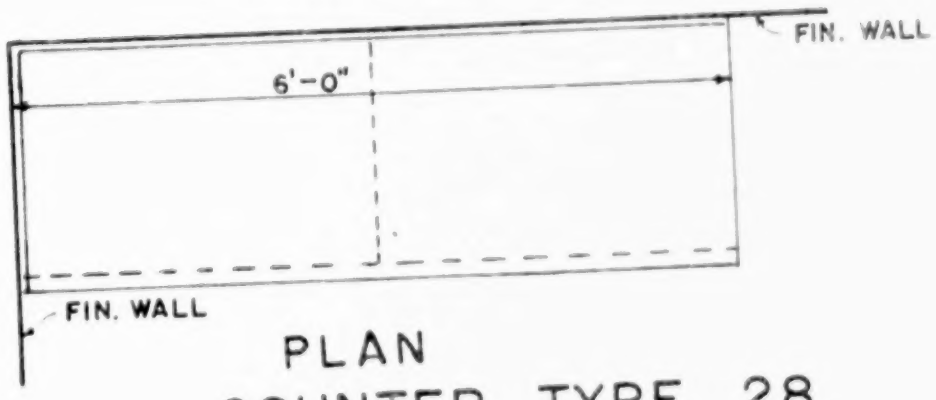




½ PLAN

COUNTER TYPE 23





PLAN

COUNTER TYPE 28

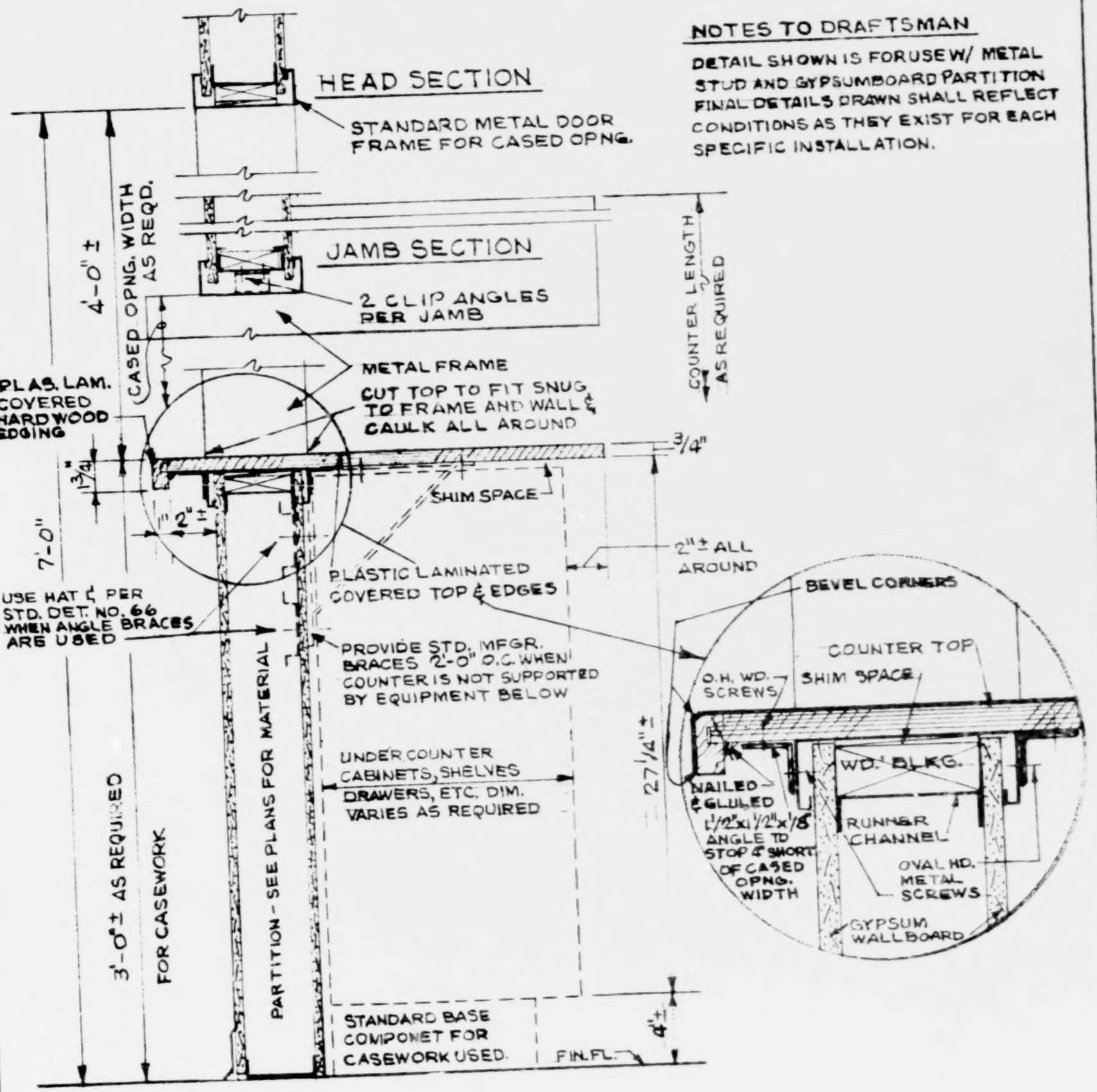
NOTES:

1. COUNTER TYPE 28 SHALL BE S/S CONSTRUCTION.
2. FOR ANCHORAGE TO WALL, SEE STANDARD DETAIL NO. 66.
3. PROVIDE CLOSED FINISHED ENDS IF NOT LOCATED AGAINST SIDEWALL.
4. CONTRACTOR SHALL PROVIDE SHOP DWGS.

COUNTERS TYPES 23 & 28

72H

MARCH '78



BASE SECTION

NOTES TO DRAFTSMAN

DETAIL SHOWN IS FOR USE W/ METAL STUD AND GYPSUMBOARD PARTITION FINAL DETAILS DRAWN SHALL REFLECT CONDITIONS AS THEY EXIST FOR EACH SPECIFIC INSTALLATION.

COUNTERS, THRU-WALL

72-K

INTERIM COPY
JULY '77
JAN. 81

VA ARCHITECTURAL STANDARD DETAIL